

62
Michell's

**SPRING 1960
GROWERS CATALOG**

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Rocket **SNAPDRAGONS**

All-America Selection 1960

The finest F₁ Hybrid garden Snapdragon ever offered. Comparable to the best of the greenhouse forcing types. Plants are base branching, 2½ to 3 feet high, with long tapering compact spikes. Seed should be sown early February, 60 degrees, hardened at 50 degrees and planted out after danger of heavy frost is past. Should be a "must" for every progressive bedding plant grower.

**Rose Rocket
Golden Rocket**

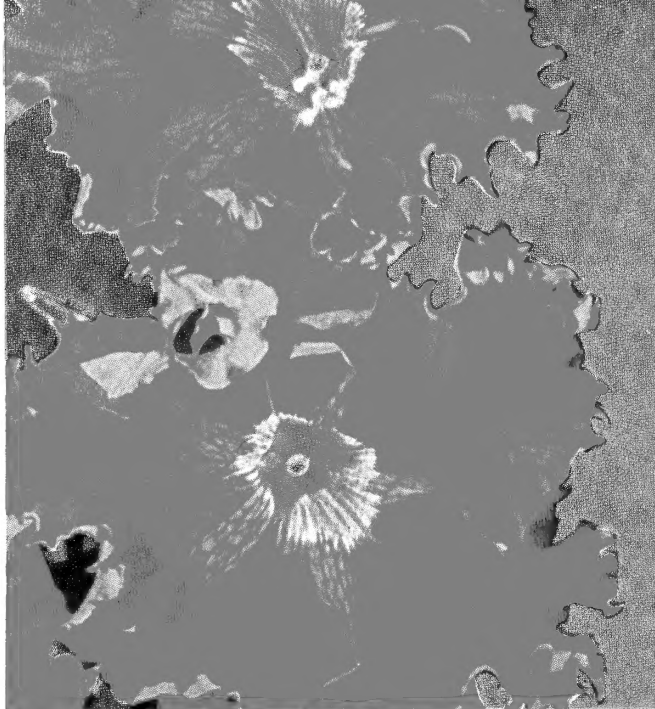
**Red Rocket
Bronze Rocket**

**White Rocket
Orchid Rocket**

HENRY F. MICHELL CO.

3rd and Spruce Streets

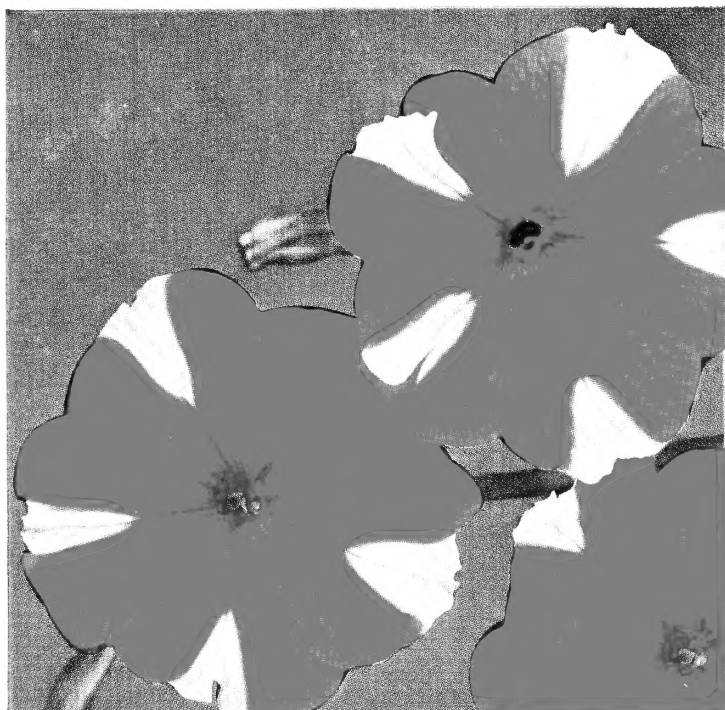
PHILADELPHIA 5, PA.



SCARLET LUSTRE



BLUE LUSTRE



GLITTERS

PINK SATIN

Michell's

F-1 Hybrid PETUNIAS

SCARLET LUSTRE AND BLUE LUSTRE

1/2 tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50;
1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00;
1/8 oz. \$69.00; 1/4 oz. \$129.00.

GLITTERS

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50;
1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00;
1/8 oz. \$57.00; 1/4 oz. \$108.00.

RED SATIN AND PINK SATIN

1/2 tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00;
1/64 oz. \$7.50; 1/32 oz. \$14.50; 1/16 oz. \$26.00;
1/8 oz. \$46.00; 1/4 oz. \$82.00.

RED SATIN



Michell's F-1 GRANDIFLORAS



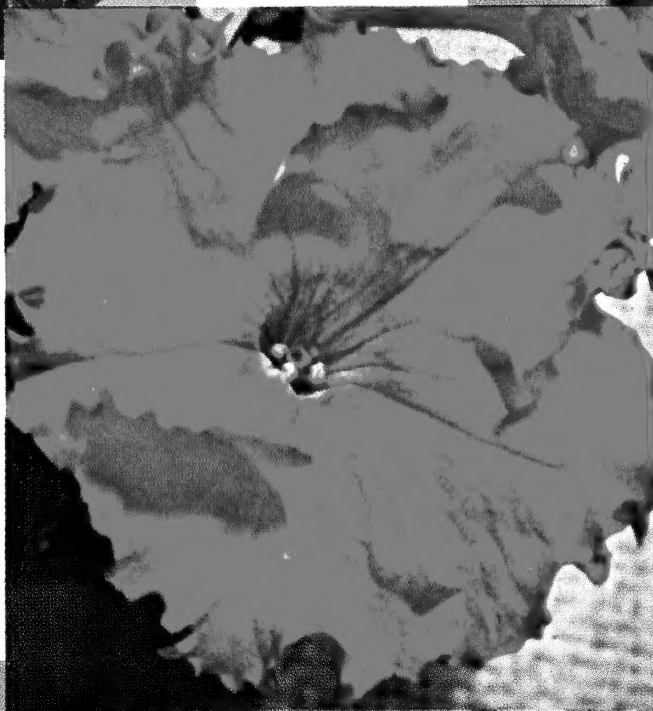
LA PALOMA

*Only
the
Best
Since
1890*



BALLERINA

10 TOP PETUNIAS



PRIMA DONNA

Prices for all varieties
on this page:

1/2 tr. pkt.	\$ 1.35
tr. pkt.	2.50
1/128 oz.	4.50
1/64 oz.	8.00
1/32 oz.	15.50
1/16 oz.	30.00
1/8 oz.	57.00
1/4 oz.	108.00

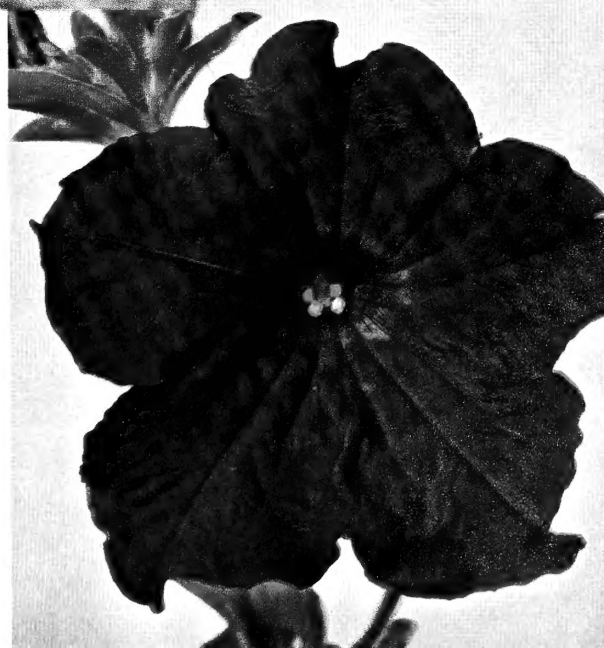


TANGO



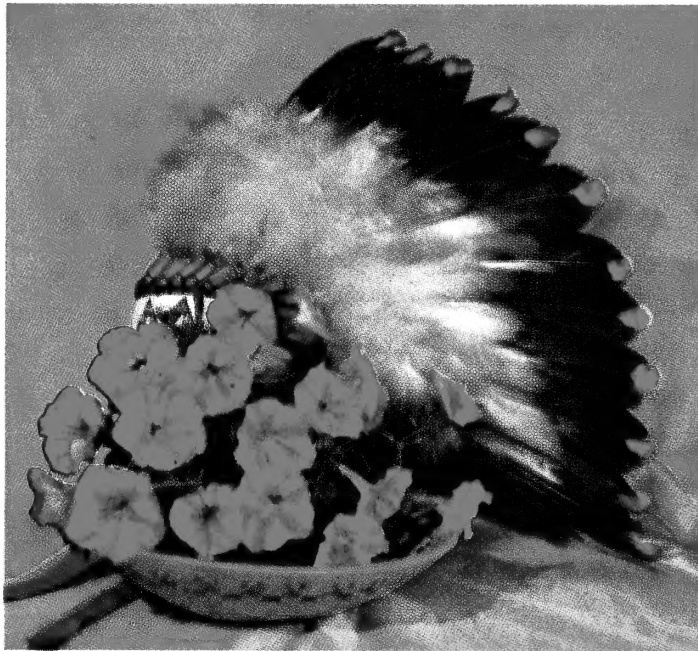
BLUE MAGIC

B



Michell's F-1 MULTIFLORAS •

*For
Vigor
For
Uniformity*



COMANCHE

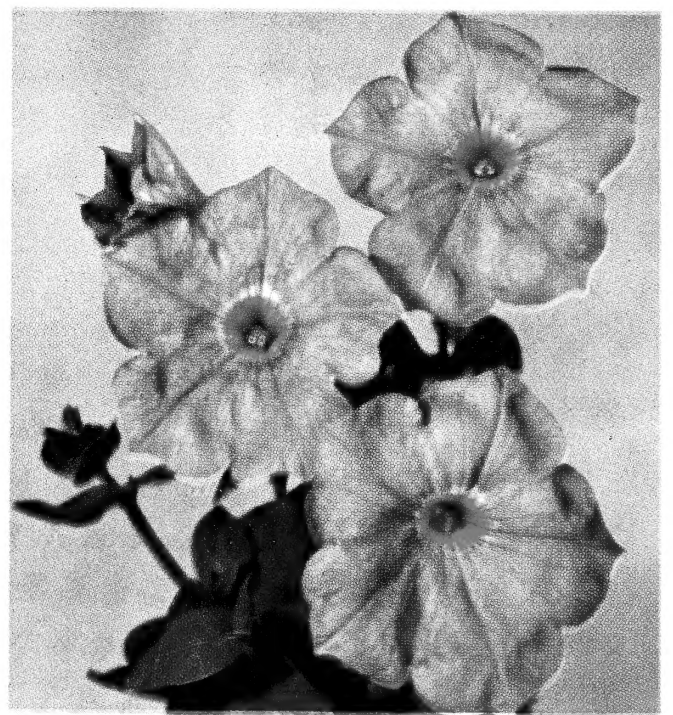
*For
Intensity
of
Color*

*Grow Michell's
F-1 Hybrids*



SUGAR PLUM (New)

Prices on Comanche, Sugar Plum and Mercury
1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz.
\$3.50; 1/64 oz. 6.50; 1/32 oz. \$11.70;
1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz.
\$60.00.



MERCURY (New)



FLOWER SEEDS

New Varieties for 1960

ROCKET SNAPDRAGONS

All-America Selection 1960

The finest F₁ Hybrid garden Snapdragon ever offered. Comparable to the best of the greenhouse forcing types. Plants are base branching, 2½ to 3 feet high, with long tapering compact spikes. Seed should be sown early February, 60 degrees, hardened at 50 degrees and planted out after danger of heavy frost is past. Should be a "must" for every progressive bedding plant grower.

Red Rocket
Rose Rocket

Bronze Rocket
Golden Rocket
Rocket Mixed

Orchid Rocket
White Rocket

Price each of the above:

½ tr. pkt. \$1.55; tr. pkt. (1/128 oz.) \$3.00; 1/64 oz. \$5.70; 1/32 oz. \$10.80; 1/16 oz. \$20.00; ⅛ oz. \$39.00; ¼ oz. \$74.00.

PETUNIAS - F-1 Hybrids

Aloha

Grandiflora. Named in honor of our newest state. It is a blush-pink with deep rose veins. Excellent plant habit, being very dwarf and compact. The flowers are slightly fringed. A very attractive introduction for 1960. ½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

Blue Lace

Grandiflora. (Formerly sold under the name of Psyche and Sugar Blues). A clear steel-blue with deep blue veins, dwarf, compact, makes an excellent companion for Aloha. ½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

Northern Lights

Double. An outstanding strain of Canadian Giants in a brilliant display of colors. Made up of many varieties of bicolors and solid colors into an excellent range of colors. ½ tr. pkt. \$2.75; tr. pkt. \$4.50; 1/128 oz. \$8.50; 1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

Mercury

Multiflora. An improved strain of Deep Heavenly Blue. It is the best of the light blue Multifloras on the market today. Plants are medium dwarf, fairly compact and extremely floriferous. ½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; ⅛ oz. \$35.00; ¼ oz. \$60.00.

Comet

Multiflora. Here is a real winner. Bright, warm crimson-red with a perfect white star. Its excellent uniformity of growth and blooms plus the multitude of flowers that it bears really make this a knockout as a bedding item. ½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; ⅛ oz. \$35.00; ¼ oz. \$60.00.

Presto

Double. Best described as a variegated bright rose and white. The only variegated Pan American variety. ½ tr. pkt. \$2.75; tr. pkt. \$4.50; 1/128 oz. \$8.50; 1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

PARISIAN BEGONIAS

New giant flowered strain with very large flowers measuring up to 2½ inches in diameter. Early and free flowering with non-fading, heat-resistant colors. 12 inches.

Paris Red. Brilliant red.

Paris Rose. Rose-pink.

Paris White. Pure white.

Tr. pkt. \$2.00; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00.

ZINNIAS

Dark Jewels. Cactus-flowered mixed. Bears a profusion of flowers in rich, dark colors, with white added for contrast.

Tr. pkt. 75c; ⅛ oz. \$1.25; ¼ oz. \$2.00; oz. \$6.00.

Merry-Go-Round. Cactus and semi-cactus type. Plants bushy, 12-18 in. Flowers 3-4 in., and very striking.

Tr. pkt. 75c; ⅛ oz. \$1.25; ¼ oz. \$2.00; oz. \$6.00.

Pink Lady. Unusual bi-color. Soft rose-pink center, with outer petals turning cream.

Tr. pkt. 85c; ⅛ oz. \$1.40; ¼ oz. \$2.50; oz. \$7.50.

Other New Additions to Our Catalog

PETUNIAS—

Blue Magic. Excellent blue Grandiflora. See page 5.

Colossal Shades of Rose. Excellent Double. See page 3.

Minuet. Orchid-lavender, dwarf, double. See page 3.

Pink Magic. Bright pink Grandiflora. See page 4.

Sugar Plum. Novelty Multiflora. See page 5.

COLEUS - Separate Colors

We are now offering an excellent strain of Coleus available in separate colors. The following are the five best varieties that are available for seed. Plants come 90% true to color. Habit is dwarf and compact. Excellent for pots and flats.

Autumn Velvet. A soft salmon-pink shade with orange undertones.

Brilliant Shades. Bright amaranth-red, margined green. Exceptional color.

Candidum. Light golden yellow with dark green edging.

Pastel Shades. Delicate salmon-pink changing to light bronze at edges.

Red Velvet. A most fascinating color of rich red throughout.

Each of the above:

½ tr. pkt. \$1.50; tr. pkt. \$2.50; 1/64 oz. \$3.30; 1/32 oz. \$6.00.

MARIGOLDS

Petite Spry. Mahogany petals, yellow center.

Tr. pkt. 45c; ⅛ oz. \$1.35; oz. \$4.00; ¼ lb. \$12.00.

Spun Gold. All-America Selection 1960. Extra early Dwarf Chrysanthemum-type. 10 to 12 in. plants are compact and bushy, and covered with light golden yellow flowers.

Tr. pkt. 85c; ⅛ oz. \$2.50; oz. \$7.50; ¼ lb. \$22.50.

IMPATIENS

Two new excellent additions to the category of Dwarf Impatiens. Excellent bedding plants for shade. These two new varieties are both profuse bloomers on dwarf, compact plants.

Pink Cloud. Brilliant luminous pink.

Snowflake. Pure white flowers.

Tr. pkt. \$1.50; 1/32 oz. \$3.25; 1/16 oz. \$6.00; ⅛ oz. \$11.00.

Sowing Dates for Miscellaneous Varieties

The following sowing dates are all approximations that will vary with the different localities. We are presenting this as an aid for you so that when placing your order items are not accidentally overlooked which may cost you the loss of future sales. Check these lists before ordering.

BEDDING PLANTS

Bedding Plants	Sow	for		Sowing	Bloom
	Feb. 20 to	Mid-May	Petunias	Dec. 1-20	Mother's Day 4 in.
	March 15		(Double	Jan. 1-10	Late May
			and	Jan. 5	Mother's Day 3 in.
			Giants)	Feb. 5	Late May 3 in.
				Feb. 10-20	Late May 2 1/4 in.

Successive sowings can be made up to April 25th for fresh material in mid-June.

Items sown around March 1st to 15th are: F_1 Grandiflora and Multiflora Petunias, Ageratum, Alyssum, Celosia, Coleus, Dahlias, Lobelia, Phlox, Outdoor Snaps, Salvia, Verbena, etc. Marigolds and Zinnias two to four weeks later (faster growing items).

APPROXIMATE SOWING DATES

VARIETY	SOWING DATE	BLOOMING	REMARKS
Asters	December 15 February 1 February 10 March 25	May 15-20 June 1-10 June 15-30 July-August (cloth house)	Best months for Asters. They are lighted from germination till buds show color. Ball types are best for this type growing. 50-55°.
Begonias	December 1-15 January 10-20 February 1-15	May-3 in. pots Late May 3 in. May 2 1/4 in.	F_1 hybrids are excellent for bedding in full sunlight. 60°.
Calceolaria	September	April on	4 or 5 inch pots. 50°.
Candytuft	November to mid-January	April on	Grow cool 45°. Good for May cut crop.
Celosia	April	May	For flat or container sales.
Centaurea	January	May	Cut crop.
Christmas Cherry	Mid-January February 5-10 March 1	6 in. Christmas 5 in. Christmas 4 in. Christmas	Cleveland Cherry (Hlavacek's Masterpiece) is the preferred variety.
Christmas Pepper	Mid-April	6 in. Christmas	Two varieties are preferred: Solanium Craigi and Ball Christmas Pepper.
Cineraria	September 1-10	March 1	Should be grown at 50°. Requires 6 weeks to flower after final shift.
Clarkia	January	April 25	Grow flats at 50°.
Gloxinia	December 15	June 1-5 4 in.	Make eight sowings at two week intervals. Last sowing will flower October 1st. Two 4 inch can be combined for a 6 inch, three to make a 7 inch.
Gypsophila	December 1-15 January 1-15	Mid-March April 15	Sow at two week intervals. Used as filler material for floral arrangements. 50°.
Impatiens	January 10-15 February 5-10	3 in. May 2 1/4 in. Late May	Excellent bedding plant item for shady locations. Use dwarf Sultani varieties.
Kalanchoe	February 1 March 25	5 in. Christmas 4 in. Christmas	For Christmas blooming. Shade from September 1st to 21st. Light September 21st till in flower. Lights are applied for 3 hours. 60-65°.
Larkspur	August April	June July	For field sown crops blooming following spring. Seed sown in spring after ground thaws.
Marigold	April 15	May	For flat sales.
Matricaria	November thru December	May-June	For cut flowers. 50°.
Pansies	Late July-August	March-April	Transplanted to frame or field-grown. 40-45°.
Perennials	August	Spring	Make excellent cold frame material for spring sales.
Primula Malacoides	Mid-July to September 10	February	4 or 5 inch pots.
Shamrock	December 1 January 1	March 17 March 17	Fine 2 in. pots. Will finish 1 in. pots.
Stocks	December 1-20 January 5-10 February 1-5	Early May Late May Early June	Column type Stocks 50° on raised benches. Direct sowing to the bench and later thinned. Sowings made after February 5 may come blind due to high temperatures.

BEDDING PLANT TROUBLES?

Check These Points:

Seedling and Transplant Failures:

- Soil low in organic matter, hard and poorly aerated.
- Using hardened seedlings.
- Diseases in the soil.
- Low night temperatures.
- Insects.
- Soil fertility unbalanced.

Germination Failures:

- Lack of uniform moisture.
- Cold soil temperatures.
- Constant high temperature and poor light after germination encourages weak growth and possibility of "damping off."



Double PETUNIAS

1/128 oz. 2,500 seeds

Double Mixtures

Ⓜ NORTHERN LIGHTS

A special strain of Canadian Giants in brilliant display of colors. Many unusual bicolors and solid colors in many tones and shades add to the outstanding array of colors found in this mixture. Plants are dwarf and compact. Highly recommended for pots or flats.

1/2 tr. pkt. \$2.75; tr. pkt. \$4.50; 1/128 oz. \$8.50;
1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

Colossal Shades of Rose Imp. An excellent large flowering pot plant strain. Flowers are mostly pastels in a choice blend of pink, rose and salmon shades. 1/2 tr. pkt. \$2.50; tr. pkt. \$4.00; 1/128 oz. \$7.60; 1/64 oz. \$14.45; 1/32 oz. \$28.00; 1/16 oz. \$55.00.

Pan-American Strain

Ⓜ **Allegro.** Fully double flowers of deep fringed salmon. Fairly dwarf and the best in its color class.

Ⓜ **Caprice.** Deeply fringed flowers of bright rose. A very attractive color.

Minuet. Orchid-lavender slightly variegated. Dwarf plants fully double.

Nocturne. Deep midnight-purple similar to Elk's Pride. Semi-double, medium large flowers.

Presto. A rose and white variegated variety. Fully double. Pinch to induce branching.

Ⓜ **Rhapsody.** It is a deep wine-purple that will not fade. 100% large fringed flowers and borne on dwarf compact plants. A noteworthy addition to this famous line of All-double Petunia.

Ⓜ **Sonata.** Pure glistening, large, double, white flowers. Pinch to induce branching.

Each of the above, 1/2 tr. pkt. \$2.75; tr. pkt. \$4.50;
1/128 oz. \$8.50; 1/64 oz. \$16.00; 1/32 oz. \$29.50; 1/16 oz. \$58.00.

Ⓜ **Glorious Mixture.** A formula blend of all the above named varieties. Uniform habit. Transplant all seedlings to insure having complete color range.

1/2 tr. pkt. \$2.25; tr. pkt. \$4.00;
1/128 oz. \$7.60; 1/64 oz. \$14.45; 1/32 oz. \$28.00; 1/16 oz. \$55.00.

Giant Victorious All-Doubles

An excellent strain with gigantic 5 inch fully double fringed flowers. This is dwarf and compact in growth for the size of flower.

Ⓜ **Cheerful.** The most charming clear pink with enormous 5-inch flowers. Fully doubled and fringed. Almost all large flowered in perfect form. One of the best of All Double Petunias.

Ⓜ **White Swan.** Probably the largest white in All Double Petunias. It measures fully 4 1/2 inches across in its full double, well fringed form. Nearly all double flowered.

Ⓜ **Giant Victorious Mixed.** An improved mixture more dwarf and uniform than previously. Flowers average 4-5 inches across in a complete range of colors.

Prices on above varieties, 1/2 tr. pkt. \$2.25; tr. pkt. \$4.00;
1/128 oz. \$6.50; 1/64 oz. \$12.00; 1/32 oz. \$22.00; 1/16 oz. \$40.00.

Ⓜ **Michell's Double Fringed, Mixed.** Superbly colored flowers of mammoth size. Fully double. Pinch to induce branching. Recommended for pots or flats.

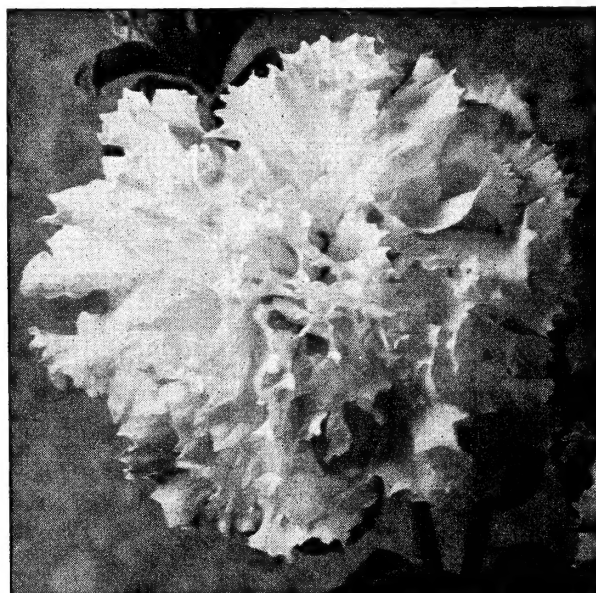
1/2 tr. pkt. \$2.00; tr. pkt. \$3.50; 1/128 oz. \$6.65;
1/64 oz. \$12.60; 1/32 oz. \$24.00; 1/16 oz. \$45.00.

America. Originator's Stock. Produces rose-pink flowers of medium size—2 inches or more across. Very early flowering.

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50;
1/64 oz. \$8.00; 1/32 oz. \$14.50; 1/16 oz. \$28.00.

The Doubles and large flowering types should be started in January. It normally requires 12 to 14 weeks to produce 4-inch pot plants in flower. The other types can be started end of January. The soil should be thoroughly sterilized and should contain a mixture of finely sifted garden loam with the addition of leaf mold and sand. Care must be taken to prevent the flats from getting dry once the seed has started to germinate. The proper temperature for good germination is 65 to 75°.

NOTE.—It is important not to discard the small seedlings, as these usually produce the best double flowers.



GIANT VICTORIOUS, White Swan

All-Double Dwarf Victorious Strain

Attraction. Striking rich rose flowers, mottled white. Dwarf and bushy in habit.

Blue Brocade. Fringed flowers of true violet-blue. Profuse bloomer on stocky plants.

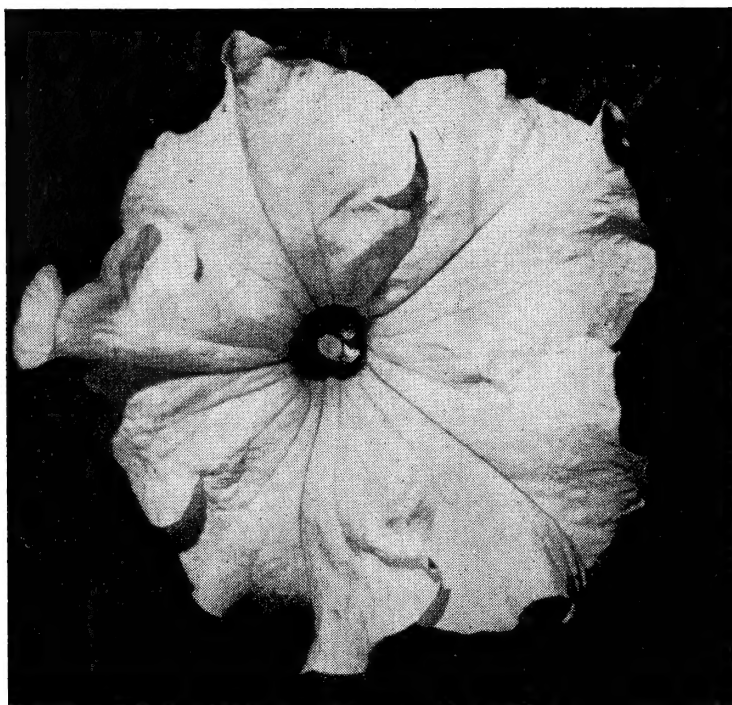
Ⓜ **Gaiety.** Beautiful variegated rose-red and white. Blooms are medium large, full double and fringed on dwarf base branching plants. The most popular Victorious variety. Excellent for pots.

Pure White Snowball. Well fringed pure white. Heavy double flowers.

Ⓜ **Rosy Carmine (World Beauty).** The best in this type. Plants dwarf. Flowers of a rosy carmine shade, well frilled and fully double.

Dwarf Victorious Mixed. Flower size is somewhat smaller than the Giant Victorious, however plants are more dwarf and compact. Ideally suited for pots. Good color range.

Each of the above, 1/2 tr. pkt. \$2.25; tr. pkt. \$4.00; 1/128 oz. \$6.50;
1/64 oz. \$12.00; 1/32 oz. \$22.00; 1/16 oz. \$40.00.



ALASKA

White

® Alaska

This variety has received wide acclaim from growers all over the country. Its giant white flowers make it excellent for pots or flats. Plants are dwarf and compact and the slightly ruffled, plain edged flowers are borne in profusion. Highly recommended for all areas.

® **La Paloma.** Well fringed flowers, 100% large flowering pure white with yellow throat. Very uniform and vigorous grower. See illustration on color page B.

White Magic. An early pure white with large ruffled blooms. Free blooming, dwarf habit.

Prices above three, each:

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

® **Snow Lady.** Giant pure white, beautifully fringed blooms on dwarf and uniform plants make this introduction a stand-out.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; ⅛ oz. \$36.00; ¼ oz. \$65.00.

Salmon Pink

® Maytime

All-America Bronze Medal Winner, 1958. A beautiful, soft, clear light salmon-pink. Very uniform and compact in its growing habit, it will attain a height of 12 inches with a spread of 24 to 30 inches. It is exceptionally fine for bedding and for pots as it is extremely free flowering. See illustration on color page E.

® **Ballerina.** All-America Winner. This single Petunia is a very dwarf compact type, with beautifully fringed glowing salmon flowers. An excellent variety for bedding or pot plants. See illustration on color page B.

Prices above two, each:

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

Fairyland. A beautiful light salmon-pink with large 3-inch flowers nicely fringed. Of compact growth, its height does not exceed 8 inches.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; ⅛ oz. \$36.00; ¼ oz. \$65.00.

Petunias

71 Hybrids GRANDIFLORAS

1/64 oz. 5,000 seeds.

Rose-Pink

® **Prima Donna.** All-America Winner. A very dwarf, compact type beautifully ruffled and fringed; giant, 3½- to 4-inch, bright rose-pink flowers. Vigorous growing habit. Uniformly dwarf, compact, spreading. Base branching. Height 12 to 15 inches. See illustration on color page B.

Pink Magic. Early free flowering, bright pink. Dwarf and uniform.

Prices above two, each:

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

Light Pink

® Aloha

The delicate blush-pink accentuated by deep rose veins reflects the tropical beauty of our island state. The plants are dwarf, compact and uniform. A pleasing, attractive touch of beauty to any planting. Excellent for pots, flats or containers.

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

® **Flirt.** An entirely new color in Hybrid Petunias. A pleasing carmine-rose that must be seen to be appreciated. Large 3-inch flowers on dwarf, compact plants not exceeding 8 inches. A vigorous and robust grower.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; ⅛ oz. \$36.00; ¼ oz. \$65.00.

Red

® Scarlet Lustre

An intensely brilliant scarlet-red color that absolutely commands attention. Augmenting this is the bright yellow throat of each bloom. Extremely vigorous and very floriferous over a long blooming period. We rate this the best red Grandiflora. See illustration on color page A.

½ tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00; ⅛ oz. \$69.00; ¼ oz. \$129.00.

® **Tango.** Bright, deep scarlet-salmon—the brightest color in Petunias. Actually deeper in color than Carmencita, also larger flowered and although not quite so dwarf, still dwarf enough for pot plants. See illustration on color page B.

Fire Dance. All-America Winner. A rich scarlet-salmon with a yellow throat. The large flowers are 3 to 4 inches across and are beautifully fringed. It is free flowering and uniformly compact, being extremely vigorous while remaining dwarf in habit. Grows to height of 12 to 15 inches with a spread of 20 to 24 inches.

® **Toreador.** Bright, velvety crimson-red. The huge slightly ruffled flowers have a definite regal bearing. Uniform and vigorous plants. This is an excellent and much needed color addition to this class.

Above three, each:

½ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; ⅛ oz. \$57.00; ¼ oz. \$108.00.

Bonfire. A most dazzling deep salmon-scarlet with a golden throat. Large flowers, 3 to 3½ inches across are borne in great profusion on this dwarf plant. Early flowering and recommended for its color and its height of 9 inches.

½ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; ⅛ oz. \$36.00; ¼ oz. \$65.00.

F-I Hybrid GRANDIFLORAS

(Continued)

Blue

® Blue Lustre

A beautiful deep blue. Newly opened blooms are a deep velvety blue as they mature, or in hot weather they develop a rich red undertone. The very oldest blooms silver to a typical mid-blue. Plants grow only a foot tall, spreading to 24 inches, bearing an incredible number of waved, lustrous flowers during the course of the season. See illustration on color page A. $\frac{1}{2}$ tr. pkt. \$1.75; tr. pkt. \$3.00; 1/128 oz. \$5.50; 1/64 oz. \$10.00; 1/32 oz. \$19.00; 1/16 oz. \$36.00; $\frac{1}{8}$ oz. \$69.00; $\frac{1}{4}$ oz. \$129.00.

Blue Magic. New. Deep violet-blue. Large flowers on dwarf plants. Fine for flats or containers. Growth habit is compact and uniform.

® **Blue Lace.** Clear steel-blue with darker center and deeper veining. An interesting novelty for the Grandifloras. Flowers are ruffled with fringed edge and habit is dwarf, compact. Illustrated on color page E.

Prices above two, each:

$\frac{1}{2}$ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; $\frac{1}{8}$ oz. \$57.00; $\frac{1}{4}$ oz. \$108.00.

Blue Mantle. Dwarf large flowering rich velvety violet-blue color throughout. Very uniform in its dwarf, compact habit. We think this is one of the best large flowering violet-blue. $\frac{1}{2}$ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; $\frac{1}{8}$ oz. \$36.00; $\frac{1}{4}$ oz. \$65.00.

Bicolor

® Crusader

This ruffled large flower is unique in gay coloring. It is a lovely bicolor striped rose-pink on a white ground, making a striking display in beds or borders. It is free blooming and starts to bloom very early, an excellent item for pot plants. See illustration on color page E.

Sabre Dance. A truly sensational bicolor! Huge bright crimson and white flowers mostly with white star pattern. Far and away the most impressive Grandiflora in this color class. The habit is dwarf and compact and the flowers are borne on vigorous plants. See illustration on color page E.

Prices above two, each:

$\frac{1}{2}$ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; $\frac{1}{8}$ oz. \$57.00; $\frac{1}{4}$ oz. \$108.00.

® **Minstrel.** White background with a rich blue cross on flowers 3 inches across. Extremely uniform both in habit and marking. This variety is slightly superior to Blue Cross, the variety that it replaced. Truly a standout.

$\frac{1}{2}$ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00; 1/16 oz. \$20.00; $\frac{1}{8}$ oz. \$36.00; $\frac{1}{4}$ oz. \$65.00.

Grandiflora Mixture

A carefully blended mixture of all F₁ Hybrid Grandifloras. All types are represented. Fringed, plain and ruffled flowers plus some bicolors to provide a well balanced mixture.

$\frac{1}{2}$ tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00; $\frac{1}{8}$ oz. \$57.00; $\frac{1}{4}$ oz. \$108.00.

F-I Hybrid MULTIFLORAS

3 OUTSTANDING MULTIFLORAS

® Midnight

A beautiful clear deep blue that actually seems to glow. Much more uniform and compact than other Multiflora blues being offered. A much needed color addition to small flowered Petunias.

® Mercury

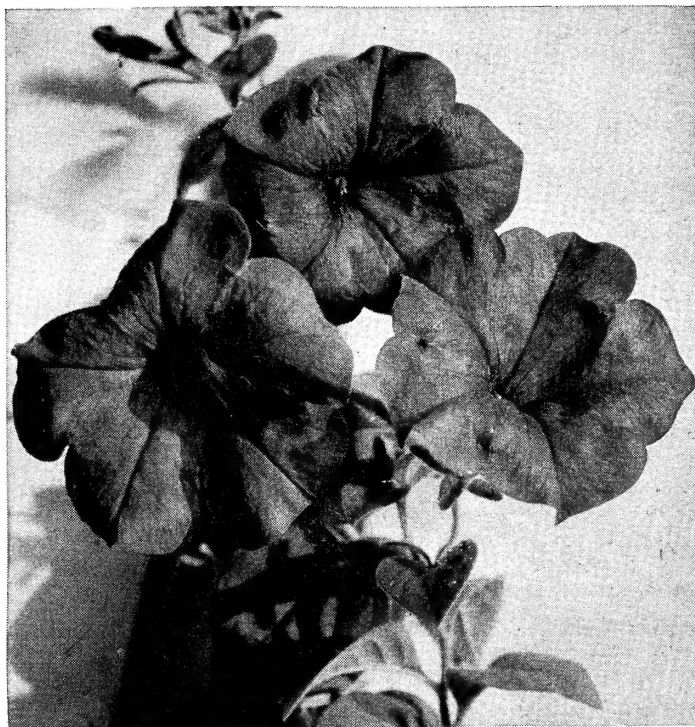
A new beautifully clear light blue. A color that has been missing from F₁ Petunia groups. Plants are of medium height, uniform and very floriferous. See illustration on color page C.

® Sugar Plum

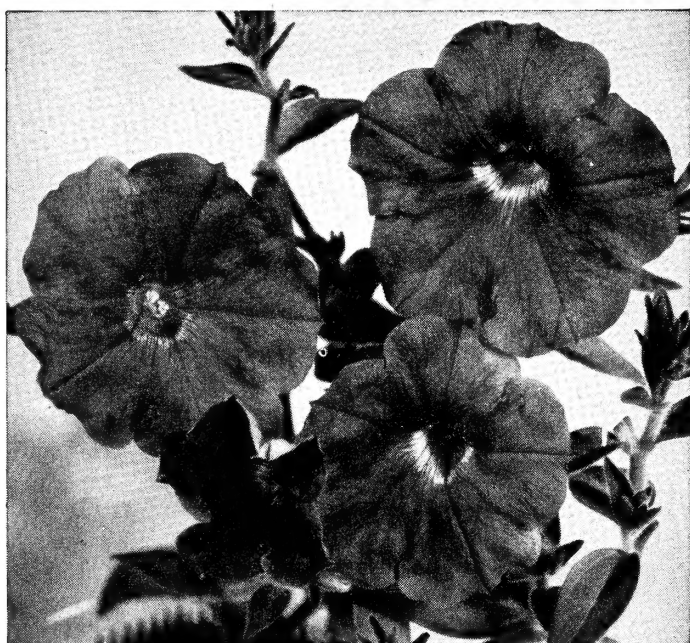
A new outstanding novelty. Flowers are bright orchid shade with deep wine-red veins. Plants are very uniform and floriferous. Highly recommended. See illustration on color page C.

Prices on above three:

$\frac{1}{2}$ tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; $\frac{1}{8}$ oz. \$35.00; $\frac{1}{4}$ oz. \$60.00.



MIDNIGHT



RED SATIN

Red

® Red Satin

All-America Winner. One of the best red Petunias available. The color is strong and enduring and heat and sunshine fail to fade its brilliance. Plants are very dwarf, uniform, and floriferous. See illustration on color page A.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00; 1/64 oz. \$7.50; 1/32 oz. \$14.50; 1/16 oz. \$26.00; 1/8 oz. \$46.00; 1/4 oz. \$82.00.

® **Comanche.** All-America Winner. A very deep red. The flowers are 2 1/2 to 3 inches across, very free blooming, and a fast grower. The plants are dwarf and compact. Colorful in pots. The most brilliant Petunia ever bred. See illustration on color page C.

® **Aztec.** This is a very deep scarlet-red identical in shade to Comanche, however, the gold throat gives it a greater brilliance. This is the Multiflora counterpart to Fire Dance. Compact and free flowering.

Prices above two, each: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

Pink

® Pink Satin

Multitudes of bright rose-pink flowers with a fascinating satiny texture make this variety a real standout. Its perfectly compact mound-shape makes it second to none as a quality bedding plant. See illustration on color page A.

1/2 tr. pkt. \$1.25; tr. pkt. \$2.25; 1/128 oz. \$4.00; 1/64 oz. \$7.50; 1/32 oz. \$14.50; 1/16 oz. \$26.00; 1/8 oz. \$46.00; 1/4 oz. \$82.00.

® **Linda.** Its color is a clear light salmon with high sheen. Extremely free-flowering with blooms 2 3/4-3 inches across. Very uniform, dwarf, compact habit. Height 15-18 inches with a spread of 24-30 inches. This is an excellent variety and should prove very popular. See illustration on color page F.

® **Sioux.** A medium tone salmon shading toward red at the center. Midway between Linda and Comanche in color. Its habit is very uniform—dwarf and compact. Average height 13 to 16 inches.

Pink Sensation. A beautiful light clear pink bedding variety. Flowers in great profusion on strong stems, uniform in habit and very vigorous grower.

Prices on above three, each: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

PETUNIAS

F1 Hybrid

MULTIFLORAS

1/64 oz. 5,000 seeds

Rose

Apache. A beautiful bright rose-red of semi-dwarf and compact habit. A very vigorous grower and free flowering. Average height 15 to 18 inches.

Inca. The color of American Beauty Rose with a gold throat. This is an improvement on Apache being more dwarf. Very floriferous and compact.

Brilliancy. A deep cerise-rose color quite similar to Apache. Very free flowering and vigorous in growth.

Prices above three, each: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

White

® **Paleface.** The perfect white Petunia for bedding! Far surpasses all other white Petunias in vigor of growth and flowering qualities. A real standout and a "must" on your list. The flowers are pure white with a small creamy eye and borne on dwarf, compact, and very uniform plants. See illustration on color page F.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

Bicolor

® Glitters

All-America Winner for 1957

The first real red and white bicolor introduction. The plants are very dwarf, growing only to a height of 8 inches. The flowers are somewhat small but it is a profuse bloomer all season. Compact habit of growth makes it excellent for borders. See illustration on color page A.

1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00; 1/8 oz. \$57.00; 1/4 oz. \$108.00.

® **Comet.** Here is a real winner. Bright, warm crimson-red with a perfect white star. Its excellent uniformity of growth and blooms plus the multitude of flowers that it bears really make this a knockout as a bedding item.

® Satellite

This is one satellite that can't miss—a bright rose with a perfect white star. Dwarf, compact and very free blooming. A very fine addition to bicolors. See illustration on color page F.

Starlight. A new F₁ introduction in '58. Deep velvety crimson with a white star. Flower is very similar to the Nana Compacta Elk's Star but more uniform in its star making with a far more vigorous growth.

Prices on above three: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

Multiflora Mixture

Our own formula blend composed of selected F₁ Hybrid Multifloras. A complete range of colors specially adapted for flat sales.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00; 1/8 oz. \$35.00; 1/4 oz. \$60.00.

Michell's

Grandiflora PETUNIAS

RUFFLED TYPES

1/64 oz. 2,600 seeds

Veined Throats

The largest among Petunias, heavily ruffled, with wide, shallow throats and rich markings. All have heavy, robust growth and are excellent for florists and garden use.

® **Multibloom Mixed**

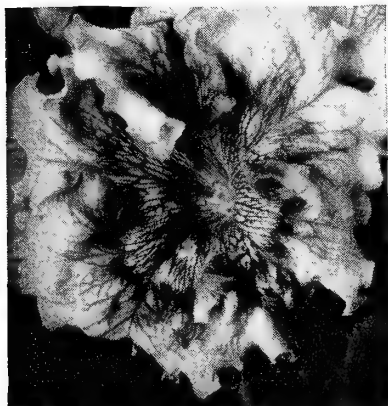
One of the remarkable features of this dwarf California Giant strain is the great number of huge, frilled blooms each plant produces at one time. The color range is complete, containing all colors common to the best strains of large flowered Petunias. The habit is a bit more dwarf than the regular dwarf strains.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75;
1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.50; 1/8 oz. \$18.00.

® **Carnival.** An F₂ mixture of Grandiflora type flowers measuring 3 1/2 inches across. The color range is greater than any standard Grandiflora strain. Plants are dwarf and moderately compact. A "must" for all bedding plant growers.

1/2 tr. pkt. 85c; tr. pkt. \$1.50;
1/32 oz. \$3.85; 1/16 oz. \$7.00; 1/4 oz. \$21.00; oz. \$63.00.

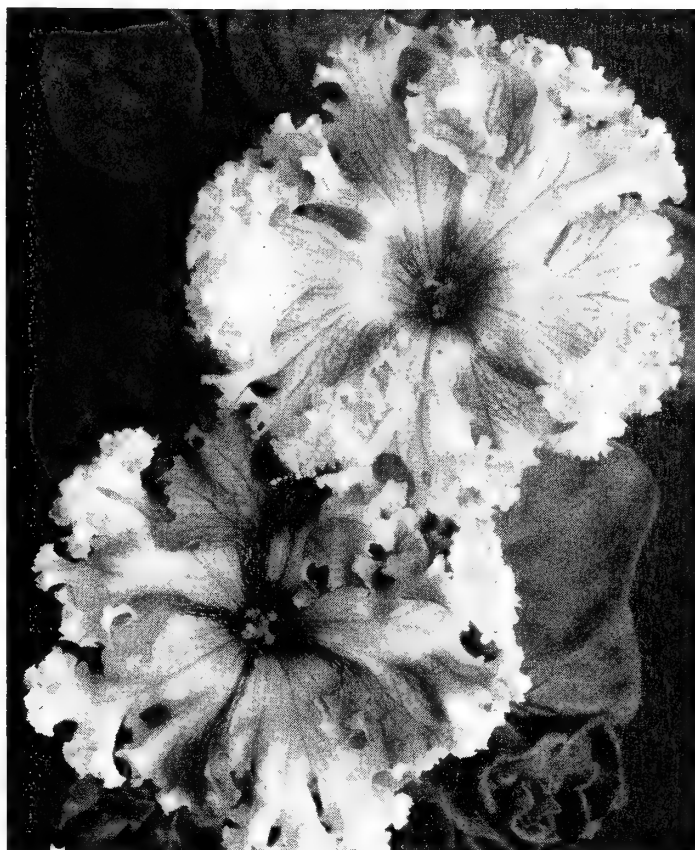
® **Ruffled Monsters.** (Michell's Giant.) Superb mixture. 1/2 tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz. \$3.50; 1/16 oz. \$6.50.



RAMONA

® **Ramona**

An outstanding pot plant strain of California Giants. Huge, 5- to 6-inch flowers are produced on dwarf, 8-inch, sturdy plants. Colors range through light and dark shades and some bicolors. 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.50; 1/8 oz. \$18.00; 1/4 oz. \$34.00.



MULTIBLOOM STRAIN



Michell's Victory Giants

Dazzler. (Michell's.) The brightest color in Petunias—orange and rosy scarlet tones, plain and semi-ruffled, golden and white-throated large flowers. Plants dwarf, compact habit, fine for bedding and for pots. Tr. pkt. 60c; 1/64 oz. \$1.50; 1/32 oz. \$2.75; 1/16 oz. \$5.00.

Gay Lady. (Michell's.) Plants very compact and erect, 8 to 10 inches tall, forming a compact mat of color. Flowers medium sized, well fringed and ruffled, borne in profusion. The color range is pink and white to red and white. 1/2 tr. pkt. 60c;

tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.00.

California Giants, Florists' Strain. California Giant type with large open throated, frilled flowers. Excellent color range. Flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding and window boxes.

1/2 tr. pkt. 60c; tr. pkt. \$1.00; 1/64 oz. \$1.75;
1/32 oz. \$3.00; 1/16 oz. \$5.50.

Pink Frills. A nicely ruffled type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades. Free flowering and borne on compact well-rounded plants. Excellent for pots, borders and bedding.

Tr. pkt. \$1.00; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

® **Michell's Victory Giants**

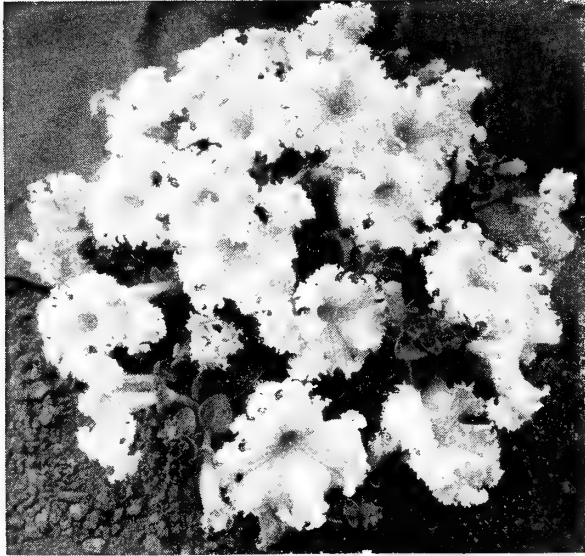
Extra-dwarf super giant Petunia. Large deep-throated fluted flower averaging up to 7 inches across. Plant habit very bushy and free flowering. Color range of light and dark shades.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75;
1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.50.

Michell's Grandiflora PETUNIAS

FRINGED-EDGE TYPES

1/32 oz. 7,800 seeds

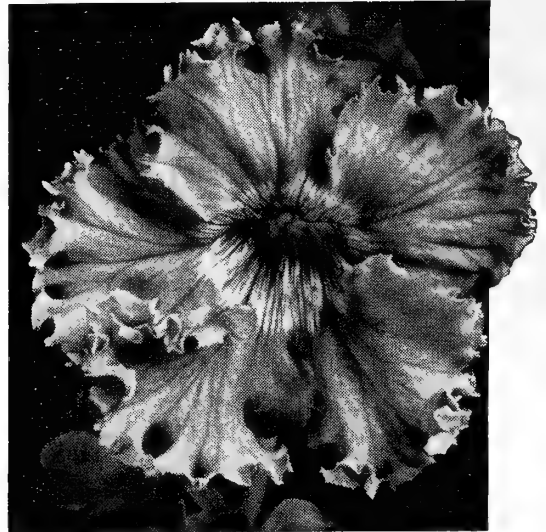


FRINGED SNOWSTORM

® Fringed Snowstorm

Plants are of compact form. The flowers are glistening white with a slight tinge of yellow in throat, and are deeply fringed. An excellent variety for bedding or pots.

1/2 tr. pkt. 65c; tr. pkt. \$1.00; 1/64 oz. \$2.35;
1/32 oz. \$3.75; 1/16 oz. \$6.75.



THEODOSIA

® Theodosia, Michell's Improved Strain

A superior selection having large, brilliant rose-pink flowers with a bright golden throat. Fine for pots and bedding.

1/2 tr. pkt. 60c; tr. pkt. 90c; 1/64 oz. \$1.80;
1/32 oz. \$3.30; 1/16 oz. \$6.00; 1/8 oz. \$11.00.

® Super Fluffy Ruffles

For bedding plant grower who wants something a little extra, we suggest this splendid strain of beautifully ruffled and fringed flowers in a wide range of colors. Tr. pkt. 85c; 1/64 oz. \$1.90;

1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

White Mound. This plant makes a perfect oval or mound, completely covered with fringed white flowers of medium size. An excellent pot plant. Tr. pkt. 75c; 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.50.

® **Michell's Giant Fringed Mixed.** Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors.

1/2 tr. pkt. 60c; tr. pkt. 85c; 1/64 oz. \$1.90;
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.



POPCORN

PLAIN-EDGE TYPES

1/2 oz. 7,000 seeds

® Popcorn, Super Dwarf

Has all the fine qualities of Snowstorm and in addition a really super-dwarf habit. The flowers are pure glistening white, same size as Snowstorm, and are carried on long-growing, upright plants. Ideal for pots and home gardens.

1/2 tr. pkt. 85c; tr. pkt. \$1.50; 1/64 oz. \$2.75; 1/32 oz. \$5.00;
1/16 oz. \$9.50; 1/8 oz. \$18.00; 1/4 oz. \$33.00.

® **Snowstorm.** A fine, large-flowering, plain-edged, pure white variety. Very free flowering. Tr. pkt. 85c; 1/64 oz. \$1.90;

1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

® **Dwarf Elk's Pride.** A really dwarf type of this popular Petunia. The plants are of upright habit, free flowering and the color the well-known royal purple. Tr. pkt. 85c; 1/64 oz. \$1.90;

1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

Purple Prince. A fine velvety purple, large-flowering variety.

Tr. pkt. 85c; 1/64 oz. \$1.90;
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

White Cloud. Dwarf; compact; pure white.

Tr. pkt. 85c; 1/64 oz. \$1.90; 1/32 oz. \$3.40;
1/16 oz. \$5.75; 1/8 oz. \$10.50.

White Queen (Ruffled Grandiflora). Dwarf compact habit, large pure white ruffled flowers. Fine pot-plant variety.

Tr. pkt. 85c; 1/64 oz. \$1.90;
1/32 oz. \$3.40; 1/16 oz. \$5.75; 1/8 oz. \$10.50.



FLORIST FORMULA MIXTURE

⑩ FLORIST FORMULA MIXTURE

Our own blend of choice dwarf types, and containing the best contrasting colors. An excellent florists mixture for pots or flats for spring sales.

Tr. pkt. 60c; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.00; oz. \$14.00.

STANDARD HYBRIDA

Free-flowering 18-24 inch plants. Medium size, plain edged, single flowered. Very popular for garden use.

⑩ **Bluebird.** Medium-sized flowers, deep blue.
Tr. pkt. 50c; 1/4 oz. \$1.35; oz. \$4.25

Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn. Tr. pkt. 50c; 1/4 oz. \$1.75; oz. \$6.00.

Flaming Velvet. Brilliant, velvety blood-red.
Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Howard's Star, Improved. Crimson-maroon flowers, each having a distinct 5-pointed white star. Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

⑩ **Rosy Morn Improved.** A decided improvement on this popular variety. Flowers brighter in color and considerably larger.
Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.25.

⑩ **Snowball, Improved.** Dwarf. Pure white.
Tr. pkt. 50c; 1/4 oz. \$1.80; oz. \$5.40.

Violacea. Deep violet. Erect dwarf type.
Tr. pkt. 50c; 1/4 oz. \$1.40; oz. \$4.00.

White Perfection. All-America Award. The individual flowers measure about 2 inches across.
Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$5.00.

Choice Mixed Tr. pkt. 50c; 1/4 oz. \$1.50; oz. \$4.50.



FIRE CHIEF

DWARF HYBRIDA

Dwarf, compact, free-flowering. 12-16 inches. Plants bearing many medium sized, plain edged, single flowers. Fine for beds and borders.

⑩ **Admiral Improved.** A superior selected strain. The flowers are a rich violet-blue, slightly waved, 100% true to type and color. Tr. pkt. 80c; 1/64 oz. \$1.65; 1/32 oz. \$2.90; 1/16 oz. \$5.25; 1/8 oz. \$9.50.

⑩ **Celestial Rose, Michell's Improved Strain.** This is an extra-selected strain, far superior to the regular sort. The growth is uniform, free flowering and comes practically 100% true.
Tr. pkt. 60c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.50.

⑩ **Cream Star.** Flowers are shaped like five-pointed stars. Each flower is dainty white marked with a cream-colored star.
Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$6.00.

Elk's Star. A dwarf free-flowering single Petunia of exceptional merit. The flowers are a deep velvety crimson with a white star, very uniform in habit and quite true in color.
Tr. pkt. 60c; 1/16 oz. \$1.80; 1/8 oz. \$3.30; 1/4 oz. \$6.00.

English Violet. A most pleasing shade of violet-blue.
Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00.

⑩ **Fire Chief.** All-America Gold Medal Winner. A dwarf, compact growing, bedding Petunia. It is a bright scarlet-red.
Tr. pkt. 50c; 1/16 oz. \$1.65; 1/8 oz. \$2.90; 1/4 oz. \$5.00; oz. \$15.00.

⑩ **Glow.** An excellent strain with medium-sized single flowers of a very intense glowing carmine-rose, measuring 2 1/4 inches across.
Tr. pkt. 50c; 1/16 oz. \$1.25; 1/8 oz. \$2.00; 1/4 oz. \$3.75; oz. \$13.50.

Igloo. This extra-compact white Petunia produces flowers of medium size, pure white, with a slight yellow throat, and coming 100% true.
Tr. pkt. 50c; 1/8 oz. \$1.15; 1/4 oz. \$2.00; oz. \$6.50.

⑩ **King Henry.** A large flower of blood-red color. Free flowering; of dwarf, compact habit.
Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25; 1/4 oz. \$10.00.

Twinkles. Bright rose with star.
Tr. pkt. 60c; 1/8 oz. \$1.70; 1/4 oz. \$3.00; oz. \$9.00.

Velvet Ball, Hybrida (Dwarf Flaming Velvet). The plants are about 8 inches with a spread of only 8 to 10 inches, have a dozen or more flowers in bloom at a time, 2 1/2 inches in diameter, well shaped, and of a deep velvety blood-red.
Tr. pkt. 75c; 1/32 oz. \$1.50; 1/16 oz. \$2.75; 1/8 oz. \$5.25; 1/4 oz. \$10.00.

Michell's Flower Seeds for the Florist

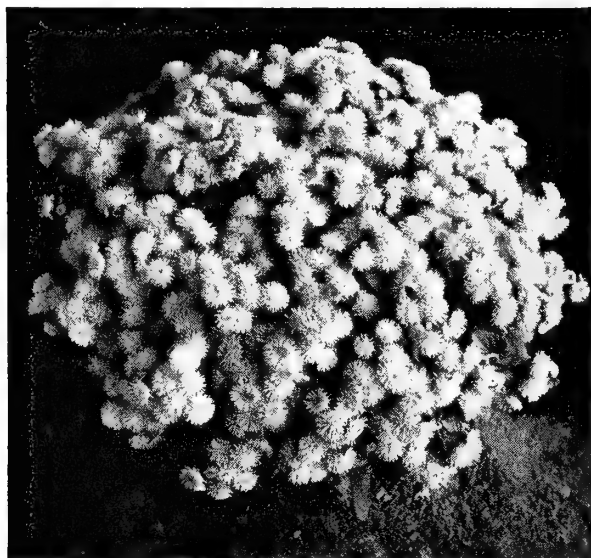
® Varieties preceded with this symbol are especially recommended.

Acroclinium - EVERLASTING

9,000 seeds per ounce.

Trade pkt. Oz.

Sensation Giants. Improved strain of Acroclinium. Produces much larger blooms than any existing strain and grows 6 to 8 inches taller. Mixed colors\$0.40 \$1.80



AGERATUM, Midget Blue

Ageratum - FLOSS FLOWER

210,000 seeds per ounce.

Excellent bedding plants. Sow seed early for good-sized plants for spring sales.

® BLUE MINK

Tetra Ageratum. Powder-blue flowers on husky, strong plants, very uniform, excellent for sale in pots or flats.

Tr. pkt. 60c; 1/8 oz. \$1.65; 1/4 oz. \$3.00.

	Tr. pkt.	1/4 oz.	Oz.
® Michell's Blue Boy. Plants compact and dwarf. Rich shade of blue	\$0.50	\$1.50	\$4.75
® Midget Blue. Silver Medal, All-America Selections. A fine Ageratum with small true Ageratum-blue flowers .....	.50	1.75	6.00
Blue Ball. Compact plants with large blue flowers. ....	.40	1.30	4.25
Blue Perfection. Best dark blue. Fine for cutting. 1 ft. ....	.25	.50	1.60
Moonbeam. 6-inch, dwarf silvery white .....	.40	1.25	4.00

Amaranthus

30,000 seeds per ounce.

Molten Fire. Summer Poinsettia. Very ornamental and easily grown from seed. Leaves dark bronze, center poinsettia-red

.30 .70 2.10

Tricolor splendens (Joseph's Coat). Attractive foliage red, green and yellow

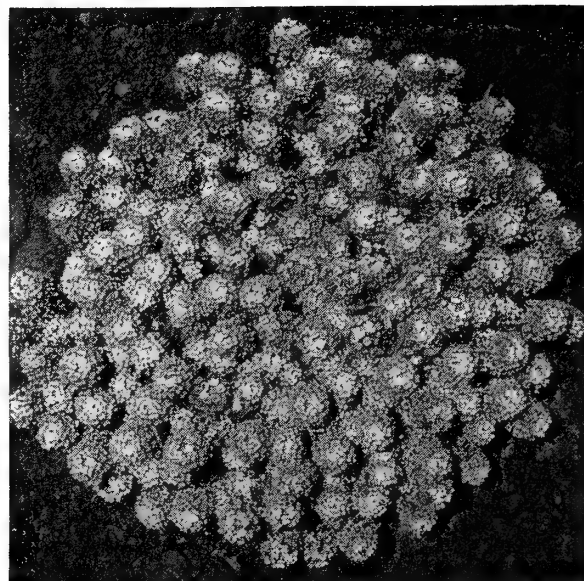
.25 .60 1.80

Arctotis - LILAC AFRICAN DAISY

25,000 seeds per ounce.

Tr. pkt. 1/4 oz. Oz.

Grandis. Large, Daisy-like flowers, pure white on the upper surface, reverse side of petals lilac. Good florist's cut flower. 3 ft.\$0.40 \$1.50 \$4.50



ALYSSUM, Royal Carpet

Alyssum

60,000 seeds per ounce.

TWO OUTSTANDING VARIETIES

® **Michell's Bouquet (Carpet of Snow).** Our especially selected strain is the finest dwarf type obtainable. Plants form perfect bouquets of miniature white flowers. Fine for growing in pots and a real gem for edging.

Tr. pkt. 25c; 1/4 oz. 35c; oz. \$1.00; 1/4 lb. \$3.35.

® **Royal Carpet.** All-America Silver Medal Winner. The spreading compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow and emphasize any background. Height 3 in.; spread 12 in.

Tr. pkt. 40c; 1/4 oz. \$1.30; oz. \$3.90; 1/4 lb. \$13.00.

® **Pink Heather.** Bronze Medal Winner 1959. Dwarf, compact, 6-inch plants, covered with soft lavender-pink flowers.

Tr. pkt. 60c; 1/8 oz. \$1.00; 1/4 oz. \$1.80; oz. \$5.50

	Trade pkt.	Oz.	1/4 lb.
Lilac Queen. Dwarf and compact. Flowers lilac ..	\$0.25	\$0.90	\$2.75
Little Gem. Very dwarf and compact, pure white. .25	1.00	3.35	
Violet Queen. Dwarf, compact form; flowers have a bright violet tint	1/4 oz. 60c..	.25	1.80 6.00
Sweet (A. maritimum). The well-known, fragrant, white, trailing variety .....	.25	.75	2.50
Tetra Snowdrift. Covered with masses of huge, snowy white blooms on uniform plants, fine for cutting. 12 in.	1/4 oz. 90c..	.30	2.70

Asparagus

PLUMOSUS SPRENGERI

American grown seed, germination requires four to six weeks at 70 to 80°.

PRICES ABOVE TWO:

100 seeds	\$0.30	1000 seeds	\$ 2.50
250 seeds .....	.70	5000 seeds	10.00

Asters

See pages 12-13.

Michell's Begonias

1/32 oz. 30,000 seeds.

CULTURAL DIRECTIONS: For best results sow the seed in neutral peat. Since Begonia seed is extremely small a fine mist spray should be used when watering. A potting mixture of half peat and soil and a minimum temperature of 60° will provide good saleable spring plants. Sow in January for Mother's Day sales.

PARISIAN BEGONIAS

New giant flowered strain with very large flowers measuring up to 2½ inches in diameter. Early and free flowering with non-fading, heat resistant colors, 12 inch.

Paris Red. Brilliant red.
Paris Rose. Rose-pink.
Paris White. Pure white.

Tr. pkt. \$2.00; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$12.00.

F₁ Hybrid Strains

These strains, rain and sun resistant, are also excellent in shady locations. Plants are all dwarf, 5-6 inches, very uniform and floriferous.

Tr. pkt.
Andy. Free blooming luminous pink. Plants are dwarf and compact, excellent for bedding. Originator's Seed \$2.00

Pandy. Same as the above except the color is a brilliant red. Originator's Seed. 2.00

Pink Tausendschoen (1000 Wonders). Bright pink flowers freely produced on dwarf, compact plants. Originator's Seed. 1.50

Red Tausendschoen (Benary's). Same as above with the exception of the color, which is brilliant rosy red. Originator's Seed. 1.50

White Tausendschoen. Same as above except color is pure white. Originator's Seed 2.00

Sleeping Beauty (Benary's). Bright carmine-rose with green foliage. Extremely free flowering. Sun and rain resistant. Dwarf, Compact habit. We highly recommend this new sort. Originator's Seed 1.75

Pink Pearl. One of the best for pot culture. Dwarf, compact, 6 to 8 inches high. Bright pink flowers. Originator's Seed 1.50

Red Pearl. Same as above in habit. Color brilliant dark scarlet. Originator's Seed. 1.50

Organdy Mixed. An outstanding mixture of Begonias awarded as a Hybrid of Distinction by the American Begonia Society. ... 1.50

Dwarf Class 6 to 8 inches

	Trade pkt.	1/64 oz.	1/32 oz.
Adeline. Attractive bright pink flowers and green foliage; very dwarf habit	\$1.50	\$3.25	\$6.00

Ball Red. A Begonia of fairly dwarf, perfectly rounded habit covered with medium large flowers of the brightest scarlet-red. 1.50 3.25 6.00

Dwarf Luminosa. Extra dwarf 5-inch variety with scarlet flowers 1.50 3.00 5.50

Fireball. A bright fire-engine-red with rich green foliage. A dense, compact grower, wonderful for pot culture 1.75 4.00 7.00

King of the Reds. Very dwarf. Glowing scarlet .. 1.25 2.50 4.50

Snowbank. The best large flowering pure glistening white; light green foliage, dense growing even dwarf plants 1.25 2.75 5.00

Dwarf Varieties Mixed 1.00 2.50 4.50



BEGONIA

DWARF BRONZE LEAVED VARIETIES

Dwarf Carmen. Bright rose-pink with rich bronze foliage; free bloomer and compact.

Dwarf Indian Maid. A new improved dwarf strain of this popular variety. Flowers are bright, deep scarlet.

Frosted Chocolate. Plants have dusky brown foliage with silvery white flowers. Free blooming, excellent for bedding.

Michell's Dwarf Bronze Mixture. A special blend of named varieties.

Each of the above: tr. pkt. \$1.50; 1/64 oz. \$3.50; 1/32 oz. \$6.50.

Medium Class 9 to 11 inches

	Trade pkt.	1/64 oz.	1/32 oz.
Christmas Cheer. Bright crimson-scarlet. Fine for forcing	\$1.00	\$2.00	\$3.75
Fire Sea (Blaze of Fire). Brilliant fiery red flowers; green foliage.	1.25	2.50	4.50
Indian Maid. A fine variety with bright, deep scarlet flowers and dark bronze foliage.	1.25	2.75	5.00
Luminosa. Fiery dark scarlet.	1.25	3.00	5.50
Prima Donna. Rose, shading to carmine	1.25	2.00	3.50
Scandinavia, Pink. An outstanding large-flowering pink suitable for pots. Excellent for winter flowering	1.25	2.75	5.00
Scandinavia, Red. An outstanding large-flowering red suitable for pots. Excellent for winter flowering.	1.25	2.75	5.00
Scandinavia, White. The same as above except the flowers are pure white.	1.25	2.75	5.00
White Pearl. Rich, fine white flowers.	1.25	2.50	4.50
Medium Mixture	1.25	2.25	3.75

Rex Hybrids

A choice mixture containing many unusual colors. The multi-colored ornamental leaves enhance the beauty of this variety.
 500 seeds \$2.00; 2000 seeds \$7.25.

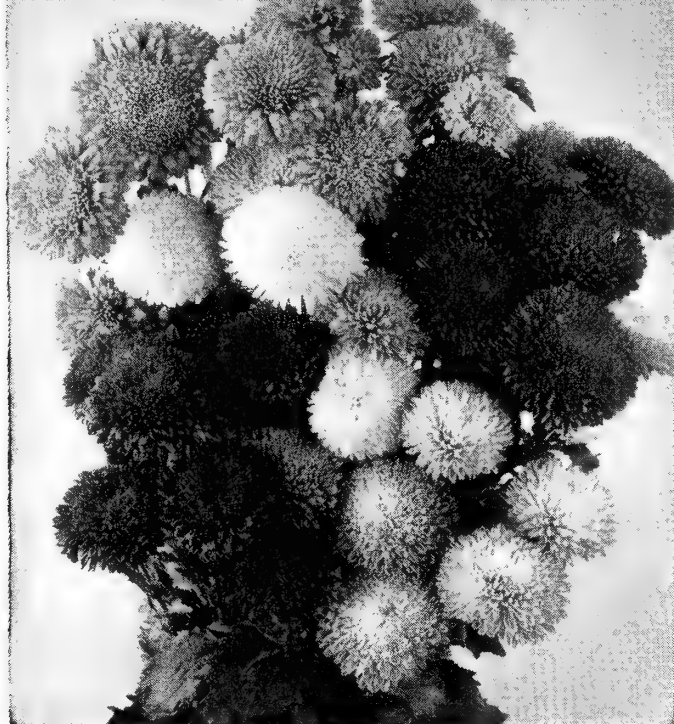
BEGONIAS, Tuberous-Rooted

These are easily raised from seed. They produce enormous flowers and are excellent for bedding, window boxes, or pot culture.

	1/2 trade pkt.	Trade pkt.
Single Choice Mixed	\$1.75	\$3.00
Double Choice Mixed	1.75	3.00

Michell's

Aster



POWDERPUFFS

POWDERPUFFS

Top outdoor commercial Asters. Strictly upright with all flowers stemming from the main stalk. Growers can cut the Aster plant as one market bunch. Flowers are 3 to 3½ in. across, fully double. Extremely free flowering grown 24 in. high.

Azure-Blue.
Crimson.

Scarlet (New).
Purple.

Rose.
White.

Choice Mixed. A carefully blended mix of named varieties.

Prices on above, tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50; ¼ lb. \$16.00.

BALL TYPE ASTERS

Standard commercial cut flower strain can be bloomed naturally or with artificial lights, same set-up as used on Mums. A real money-maker under glass as a spring cut flower. Normal blooming time late August.

Ⓢ **Azure-Blue.** Fully double long-stemmed type. Clear light blue flowers.

Ⓢ **Purple.** Dark purple, large flowered and full double.

Ⓢ **Rich Deep Rose.** Extra large flowers, fully double. Rich deep rose.

Ⓢ **Shell-Pink.** Fully double flowers 3½ to 4 inches, of soft shell-pink on long stems. Quite wilt-resistant and rarely shows any center. Throws few laterals, so needs very little disbudding.

Ⓢ **White.** Exceptional doubleness and fine, stiff stems make this variety outstanding. Large flowered, pure white and quite wilt-resistant.

Mixed. Choice mixture of above colors.

Each of the above six: tr. pkt. \$1.75; ¼ oz. \$3.20; oz. \$9.60.

EARLY ROYAL BRANCHING

This type fills the gap between the Queen of the Market and the late flowering Branching Asters, blooming mid-August. Height 2-2½ ft.

Ⓢ **Azure-Blue.**
Lavender.

Ⓢ **Peach Blossom.**
Purple.

Rose-Pink.
Ⓢ **White.**

Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

AMERICAN BEAUTY

Similar in type of flower and growth to the Late Branching Aster. Plants grow about 2 to 3 feet high and commence to bloom in September, continuing until frost. Large, double flowers on long, heavy stems.

Ⓢ **Azure Fairy.**
Carmine-Rose.

Crimson.
Purple.
Mixed.

Shell-Pink.
Ⓢ **White.**

Each of the above, tr. pkt. 40c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$10.00.

DWARF QUEEN

This is a free flowering wilt resistant strain growing 8 inches tall. It is a dwarf base branching plant with large double flowers. Excellent as a bedding item or a potted plant. Recommended for early spring flowering.

Scarlet.
Rose.

White.
Crimson.

Light Blue.
Choice Mixed.

Tr. pkt. 40c; ¼ oz. \$1.50; oz. \$4.50; ¼ lb. \$16.00.

The Outdoor Culture of Asters

The term "Aster Resistant" is applied to these varieties that have been bred to resist the virus, Aster Yellow which is transmitted by the leaf hopper and the Aster Bug. Although this resistance will vary in different localities the resistant varieties are more satisfactory than the non-resistant strains.

Experience has taught that at the time of planting the ground should be sterilized, if this is not possible the location of the planting should be altered. Seed should be sown six weeks before the planting date, banded and planted out or benched. For high quality flowers a cloth or plastic covering should be used.

The Indoor Culture of Asters

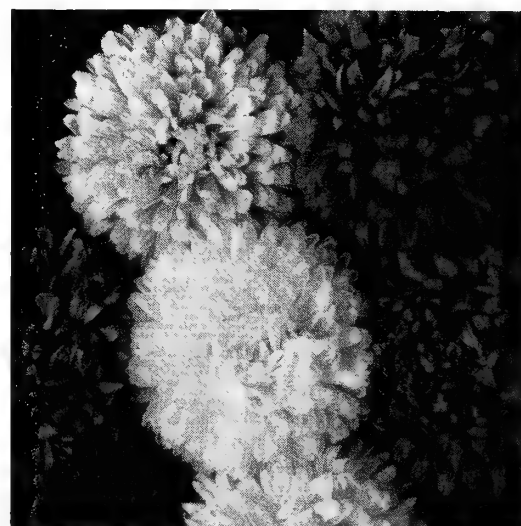
The greenhouse production of off-season Asters is becoming more popular and profitable every year. As a spring crop it is more of a moneymaker than some of the other popular spring cut flowers. Asters can also be flowered any time of the year using a similar arrangement as that used for Mums. The only exception is the period from May 1st to September 1st during which time the day length is long enough to prevent premature bud initiation.

On a four foot bench 60-watt lamps spaced six feet apart and between 20 to 25 inches above the plants will give sufficient light for this crop.

PROCEDURE

	July 15th	Aug. 15th	Sept. 10th	Oct. 20th	Dec. 20th
Sow Seed	July 15th	Aug. 15th	Sept. 10th	Oct. 20th	Dec. 20th
Pot or Band	Aug. 10th	Sept. 10th	Oct. 1st	Nov. 15th	Jan. 10th
Bench	Sept. 15th	Nov. 1st	Dec. 1st	Jan. 1st	Mar. 1st
Approx. Flwg.					
Date	January	February	March	April	May

RECOMMENDED DATES



AMERICAN BRANCHING

SEMPLE'S or AMERICAN BRANCHING

A fine late August blooming Aster. Large double flowers on long strong stems. The attractive form of flowers makes it a very valuable variety for cut.

Ⓢ **Azure-Blue.**
Ⓢ **Crimson.**
Deep Rose.

Lavender.
Peerless Pink.
Purple.

Ⓢ **Shell-Pink.**
White.
Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

Asters

Tips

Cultural Practices

A. Seed Sowing

Vermiculite is considered one of the best mediums in which to sow the seed. A night temperature of 60 degrees is maintained until the seeds begin to sprout. The seedlings are then moved to 50 degree temperatures and the lights applied from sundown until 10 PM.

B. Seedlings

One of the disadvantages of Asters is the fact that they cannot be direct benched due to the high losses of seedlings. It is necessary to band them and then replant in the bench spacing 8 by 8 or 10 by 10. Always use sterilized soil for best results.

C. Disbudding

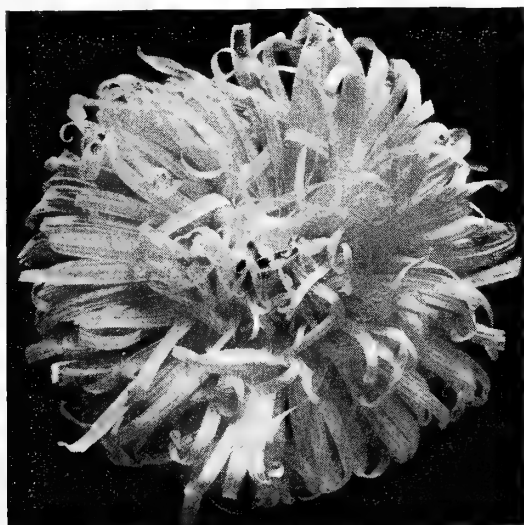
All side growth should be removed to the top 4 to 6 shoots and later these also disbudded. This is to insure high quality flowers.

D. Insect Control In the Greenhouses

Aramite gives the most satisfactory results. Some insecticides have a tendency to burn the foliage and these should be avoided.

RECOMMENDED DATES

Feb. 1st	Mar. 15th	Apr. 20th	May 20th	June 10th	June 20th	July 10th
Feb. 20th	Apr. 1st	May 10th	June 10th	July 1st	July 15th	Aug. 1st
Apr. 1st	May 15th	June 15th	July 15th	Aug. 1st	Aug. 20th	Sept. 1st
June	July	August	September	October	November	December



IMPROVED CREGO

IMPROVED CREGO

Flowers gigantic, often 5 inches across, and with long, stout stems averaging 15 inches in length. The twisted and curled petals give huge Chrysanthemum effect.

- Crimson.**
 @ **Blue Flame.** Bright navy blue.
Deep Rose.
Lavender.
 Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.
- @ **Shell-Pink.**
Violet or Purple.
 @ **White.**
Mixed. All colors.



QUEEN OF THE MARKET

IMPROVED QUEEN OF THE MARKET

An excellent early variety, flowering late July. Plants are twenty inches high with long stems, medium sized flowers.

- Crimson**
 @ **Dark Blue (Purple).**
Light Blue (Lavender).
 @ **Rose-Pink.**
- @ **White.**
Peach Blossom (Blush-Pink).
Mixed. All colors.

Each of the above, trade pkt. 40c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$7.00.

PRINCESS CRESTED

The three inch flowers have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Plants are slightly under two feet high with normal blooming in late August.

- Marsha.** (New). Scarlet.
Linda. Pure clear rose.
 @ **Anne.** Peach-blossom-pink.
Bonnie. Soft salmon-rose.
 @ **Elizabeth.** Pure white.
- Golden Sheaf.** Deep yellow.
 Fully double.
 @ **Margaret.** Florist rose.
 @ **Mixed.** Finest mixed.

Prices on above, tr. pkt. 45c; ¼ oz. \$1.30; oz. \$3.90; ¼ lb. \$10.00.

@ HEART OF FRANCE

Ruby-red. Excellent for cutting. Tr. pkt. 40c; ¼ oz. \$1.25; oz. \$3.75.

IMPROVED KING

A distinct type; plants of strong, sturdy habit, fully 18 inches high; flowers of large size and with long, narrow petals, which are more or less quilled. Blooms from August to October. Excellent for cutting.

Choice Mixed. Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00.

VICTORY GIANTS, MIXED

A splendid extra-early Giants of California type Aster. Strong, sturdy plants, branching habit, growing 3 feet tall. The flower averages five inches across. Fine range of light-colored shades, including salmon-pink.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.00.

SUPER CALIFORNIA GIANT, SANTA MARIA

Immense flowers, fully double, pure white in color. Excellent for cutting.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.

@ SINGLE CALIFORNIA MARKET RAINBOW

This tall single wilt-resistant Aster is an excellent florist cut-flower variety. Rainbow Mixture is a choice blend of florist colors.

Tr. pkt. 30c; ¼ oz. 45c; oz. \$1.50.

Non Wilt-Resistant Strains IMPROVED CALIFORNIA GIANT

A fine variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut flowers.

Choice Mixed. Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.25.

SINGLE GIANT CALIFORNIA SUNSHINE

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

Tr. pkt. ¼ oz. Oz.
Choice Mixed \$0.40 \$1.00 \$3.00

Balsam - LADY-SLIPPER

3,300 seeds per ounce.

® DOUBLE BUSH FLOWERED

Plants 15 inches high. The double Camellia-like flower bouquets are borne in profusion on dwarf bushy plants with dark green foliage. Excellent for the home gardener.

Choice Mixed tr. pkt. 40c; ¼ oz. 75c; oz. \$2.25.

Trade pkt. Oz.
Camellia-Flowered, Choice Mixed. Plants 2 ft. high, wide range of colors\$0.30 \$1.50

Bells of Ireland (MOLUCELLA LAEVIS)

4,200 seeds per ounce.

®The only true green flower. This easily grown annual is base branching, producing stems about 2 ft. long surrounded by 2-in. bell-shaped flowers containing a white corolla.

Easily grown on greenhouse benches, in pots or outdoors in the summer. Last well when cut, also can be dried.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

Browallia

111,000 seeds per ounce.

® SPECIOSA (MAJOR)

Large bright blue flowers with a white throat. Excellent for use in combination pots. Height 10 to 12 inches.

Tr. pkt. \$1.20; 1/16 oz. \$3.60; ½ oz. \$6.60.

Tr. pt. 1/16 oz. ½ oz.
Elata. Azure-blue. 1½ ft.\$0.40 \$1.10 \$2.00

Cactus Seed

Choice Mixture of many varieties.

Tr. pkt. (400 seeds) 65c; ¼ oz. \$2.00; oz. \$6.00.

Calliopsis, ANNUAL VARIETIES

100,000 seeds per ounce

Trade pkt. Oz.
Dwarf Mixed\$0.25 \$1.00
Tall Mixed25 1.00

Canary-Bird Vine - TROPAEOLUM

Tr. pkt. Oz.
Canariense. Flowers bright canary-yellow. A fine climber for shade\$0.25 \$1.00

Calceolaria

600,000 seeds per ounce.

A most decorative pot plant which finds ready sale if well grown. The strains we offer cannot be excelled.

® MICHELL'S RAMONA

An exceptionally free-flowering variety of dwarf compact habit. Flowers are large, well shaped, and beautifully tigered. The mixture contains a fine range of colors in bronze, yellow, and red.

½ tr. pkt. \$1.25; tr. pkt. \$2.00; 1/128 oz. \$4.00; 1/64 oz. \$7.20.

Trade 1/64
pkt. oz.
Hybrida grandiflora compacta. An attractive tigered and spotted mixture. Dwarf growing\$1.25 \$2.75
®**Hybrida multiflora nana.** A fine free-flowering type, with average-size blooms about 1½ inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft.1/128 oz. \$2.75... 1.25 5.00

®
Varieties preceded with this symbol are especially recommended.

Calendula - POT MARIGOLD

Forcing Varieties

3,000 seeds per ounce.

	Trade pkt.	¼ oz.	Oz.
® Michell's Sunbeams. Michell Novelty. Exquisite blending of many delightful shades and color combinations, from pale cream to deep orange	\$0.50	\$1.00	\$3.00
Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center .....	.50	1.00	3.00
® Ball Gold. Long-stemmed, deep golden yellow..	.50	1.00	3.00
Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center .....	.50	1.00	3.00
® Ball Long Orange. Long-stemmed; orange with light center .....	.50	1.00	3.00
Ball Orange. Large, double, glowing orange flowers on long stems .....	.50	1.00	3.00
Ball Mixture.....	.40	.80	2.40

Bedding Varieties

PACIFIC BEAUTIES

An improved bedding strain with larger flowers on long, straight stems. Resistant to summer high temperatures.

Apricot Beauty. Two toned.

Lemon Beauty. Pure yellow.

Persimmon Beauty. Bright orange.

Pacific Beauties Mixed. A special blended mix in a wide range of colors.

Each of the above: Tr. pkt. 35c; ¼ oz. 60c; oz. \$2.00; ¼ lb. \$6.50.



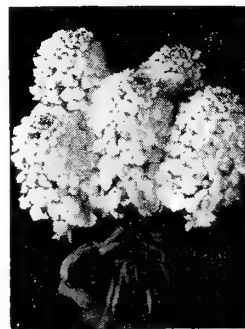
CALENDULA
Apricot Beauty

Regular Bedding Varieties

	Tr. pkt.	Oz.	¼ lb.
® Lemon Queen	\$0.25	\$1.00	\$3.00
® Orange King .....	.25	1.00	3.00
Mixed	Lb. \$7.00..	.25	1.00 3.00

Candytuft - IBERIS

9,500 seeds per ounce.



CANDYTUFT
Michell's Giant White

Crimson.
®**Empress.** Large; white.
Lavender.

Pink. Flesh-color.
Rose-Cardinal. Brilliant rosy red.
Mixed. All colors.

Each of the above: Tr. pkt. 30c; oz. 90c; ¼ lb. \$3.00.

Cardinal Climber

1,000 seeds per ounce.

	Trade pkt.	Oz.
Quamoclit Sloteri. Rapid-growing annual climber, bearing a profusion of cardinal-red flowers. For good germination, a small notch should be filed or cut in each seed.	\$0.25	\$2.00



CARNATION, Marguerite Mixed

Carnation, ANNUAL VARIETIES

14,000 seeds per ounce.

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

MARGUERITE

(Michell's All Double Select Strain)

This is an excellent cut flower variety, blooming five months from sowing date. The plants are 1½ feet high with large fully double flowers in a beautiful range of colors.

Trade pkt. 30c; ¼ oz. 65c; oz. \$2.25.

CHABAUD'S EVERBLOOMING VARIETIES

- ® **Jeanne Dionis.** White. **The Pearl.** Rose-pink.
 ® **Marie Chabaud.** Yellow. **Choice Mixed.**
 ® **Sparkler.** Cardinal-red.

Each of the above: Tr. pkt. 40c; ⅛ oz. \$1.25; ½ oz. \$3.75.

GIANT ENFANT DE NICE

Annual 20 inches high. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter. An excellent strain.

- Red.** **Salmon.** **Striped Mix. (New).**
Rose. **White.** **Regular Mix.**

Each of the above: Tr. pkt. 55c; ⅛ oz. \$2.00; ½ oz. \$5.50.

Centaurea

CYANUS - CORNFLOWER

6,500 seeds per ounce.

MICHELL'S BLUE BONNET

An improved strain of Blue Boy. The fully double flowers are deep blue with long stems making this strain an extra fine one for florists' cut-flower purposes.

Trade pkt. 25c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50.

- Blue Boy.** Deep cornflower-blue. **Red Boy.** The best deep red.
Black Boy. Deep maroon. **Snow Man.** Pure white.
 ® **Pinkie.** Clear deep pink. **Choice Mixture**
 Each of above: Tr. pkt. 20c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.20; lb. \$6.50.
 ® **Jubilee Gem.** Dwarf type, free flowering, fine for pots or borders.
 1 ft. Trade pkt. 30c; ¼ oz. 50c; oz. \$1.50.

WHITE-LEAVED - DUSTY MILLER

Excellent for borders, vases, baskets, etc.

	Tr. pkt.	¼ oz.	Oz.
Candidissima. Broad-cut, silvery gray foliage	\$0.60	\$1.25	\$3.75
Gymnocarpa. Fine-cut silvery foliage	.35	.60	1.80

LARGE-FLOWERING CUT-FLOWER SORT

	Tr. pkt.	Oz.
Americana. Handsome large flowers. Lilac-purple	¼ lb. \$3.50	\$0.25 \$1.00
Americana alba. Pure white	¼ lb. 3.50	.25 1.00

Celosia

CRISTATA OR COCKSCOMB

28,000 seeds per ounce.

TOREADOR

All-America Winner. A lustrous bright red with scarlet highlights. Plant tall and uniform with light green foliage. Height 18 in.

Tr. pkt. 75c; ¼ oz. \$2.00; oz. \$6.00.

Tr. pkt. ¼ oz. Oz.

Gilberts Maple Gold. Maple-pink heads vary in color from light to dark pink tipped with gold. Original pkts. only

Tr. pkt. 75c; ¼ oz. \$2.00; oz. \$6.00.

® Royal Velvet. Velvety center heads of rich ruby-red.	.50	1.20	3.60
Giant Empress. Dwarf. Bright crimson. Dark foliage	.40	.80	2.40
Choice Mixed. Dwarf sorts	.30	.50	1.50

PLUMOSA or FEATHERED

A fine decorative plant for the garden; also excellent for cutting.

FOREST FIRE

The contrasting bronze foliage and brilliant plumes of fiery orange-scarlet combine to make this variety the most popular on the market today.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

	Tr. pkt.	¼ oz.	Oz.
® Brilliancy. Scarlet plumes. Green foliage	\$0.50	\$1.50	\$4.50
Pampas Plume. 30 in. high. Large, feathery flowers; brilliant colors.	¼ lb. \$8.50	.40	.75 2.50
® Golden Fleece. Bright golden plumes	.40	1.20	3.60
Golden Plume. Deep golden yellow	.40	1.20	3.60
Scarlet Plume	.40	1.20	3.60
Choice Mixed	.40	.75	2.50
® Fiery Feather (Lilliput). Extra select dwarf strain; color brilliant orange-red, fine for pots	.30	1.30	4.25
® Golden Feather (Lilliput). Same type as above with bright golden yellow flowers	.30	1.30	4.25
Feather Mixture. 2/3 Fiery Feather, 1/3 Golden Feather	.30	1.30	4.25

Cineraria

190,000 seeds per ounce.

CREMER'S PRIZE STRAIN, WILT RESISTANT

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors.

Tr. pkt. \$1.75; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.25.

SITER'S RAINBOW STRAIN

Mixed. Large flower heads of medium-sized individual florets in an excellent color range.

Trade pkt. \$2.00; 1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.00.

Multiflora Nana Potsdam and Berlin Market Strain

Very dwarf and compact. Large flowers produced in great profusion and in a range of fine colors.

Mixed Colors. ½ trade pkt. 60c; trade pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz. \$3.75.

GOLD CENTER MULTIFLORA NANA

Attractive medium size flowers with gold centers. Choice mixed.

Tr. pkt. \$1.25; 1/64 oz. \$2.25; 1/32 oz. \$4.00.

MARITIMA CANDIDISSIMA (Dusty Miller)

White-leaved foliage plant much in demand for bedding, vases, baskets, etc.

Trade pkt. 25c; ¼ oz. 50c; oz. \$1.50.

Chrysanthemums, ANNUAL

9,500 seeds per ounce.

	Tr. pkt.	Oz.
Single Mixed (Rainbow)	\$0.25	\$2.00

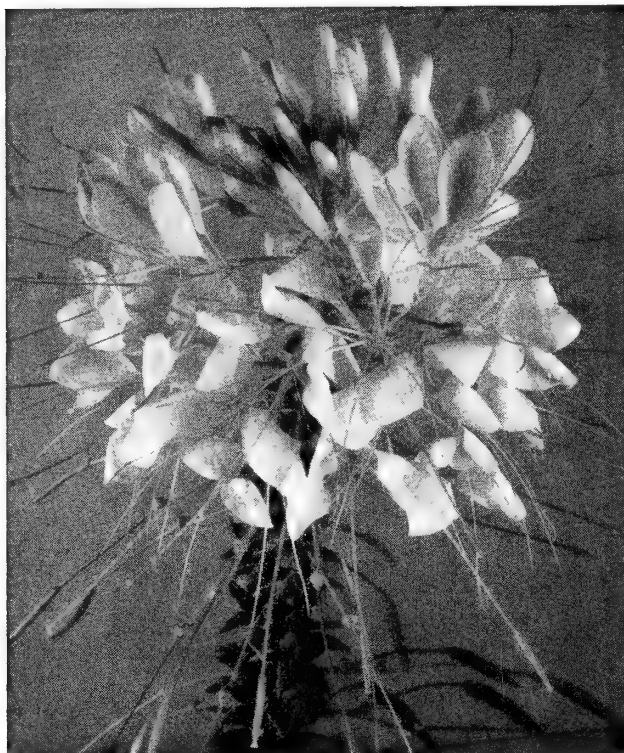
Clarkia ELEGANS, DOUBLE

100,000 seeds per ounce.

A popular annual of easy growth, much used for cutting, both indoors and out.

Selected Mixture.

Trade pkt. 25c; ¼ oz. 75c; oz. \$2.25.



CLEOME, Pink Queen

Cleome - SPIDERFLOWER

13,800 seeds per ounce.

® PINK QUEEN

Huge trusses, 6 to 7 inches across, of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Height 3 to 4 ft. Tr. pkt. 35c; ¼ oz. 55c; oz. \$1.90.

Helen Campbell. A sport of Pink Queen with glistening pure white flowers. Slightly earlier and larger than the Pink.

Tr. pkt. 50c; ¼ oz. 90c; oz. \$2.70.

Coleus, LARGE-LEAVED VARIETIES

100,000 seeds per ounce.

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

® RAINBOW MIXTURE

A greenhouse grown strain of rich coppers, reds, yellows, and pinks in many different shades and tones. We consider our mixture one of the best on the market today. To insure a balanced mixture be sure no seedlings are discarded. Tr. pkt. \$1.00;

1/32 oz. \$2.50; 1/16 oz. \$4.00; ½ oz. \$7.50; ¼ oz. \$12.00.

SEPARATE RAINBOW VARIETIES

Autumn Velvet. A soft salmon pink shade with orange undertones.
Brilliant Shades. Bright amaranth red margined green. Exceptional color.

Candidum. Light golden yellow with dark green edging.

Pastel Shades. Delicate salmon pink changing to light bronze at edges.

Red Velvet. A most fascinating color of rich red throughout.

Each of the above: ½ tr. pkt. \$1.50; tr. pkt. \$2.50;

1/64 oz. \$3.30; 1/32 oz. \$6.00.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form.

Trade pkt. 75c; 1/16 oz. \$2.50; ½ oz. \$4.00; ¼ oz. \$7.00.

Choice Mixture. Tr. pkt. 50c; ½ oz. \$2.00; ¼ oz. \$3.50.

Convolvulus - MORNING GLORY

1,400 seeds per ounce.

	Tr. pkt.	Oz.	¼ lb.	Lb.
Clarke's New Improved Early Blue	\$0.25	\$0.75	\$2.25	
Imperial Mixed		.30	.80	2.50

Cobaea Scandens

CUP-AND-SAUCER VINE

375 seeds per ounce.

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

Purple Tr. pkt. 35c; ¼ oz. 60c; oz. \$1.80.

Cosmos

5,000 seeds per ounce.

Extra Early Sensation Mixed. This strain will bloom fully 2 weeks earlier than the regular variety. The plant habit is more graceful and slightly more dwarf than the regular strains. Flowers 4 to 4½ inches across. Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50

® **Fiesta.** 2,800 seeds per ounce. Early, heat-loving, easy to grow, Fiesta makes a compact 2½-ft. plant with a riot of bloom all summer. Flowers are semi-double, ruffled, a true fiery scarlet borne like tropical birds amidst lacy foliage. Tr. pkt. 40c; ¼ oz. 60c; oz. \$2.10.

Double Sensation Mixed. Two types, fluted and crested. The crested type has a large, 2-inch crested center and the fluted are so double they resemble a Camellia. Tr. pkt. 55c; ¼ oz. \$1.60; oz. \$4.80.

Single Sensation

Early, giant-flowering single variety. Blooms large, 4 to 6 inches across. Height 6 feet.

	Tr. pkt.	¼ oz.	Oz.
Cardinal. Crimson	\$0.30	\$0.50	\$1.50
Pinkie. Light pink	.30	.50	1.50
Purity. Pure white	.30	.50	1.50
Radiance. Deep rose petals overlaid with large, well-defined zone of rich crimson.	.30	.50	1.50
Mixed	.30	.50	1.50

Single Late-Flowering

Giant-Flowering.

Mixed.

Each of above: Tr. pkt. 25c; ¼ oz. 50c; oz. \$1.60.

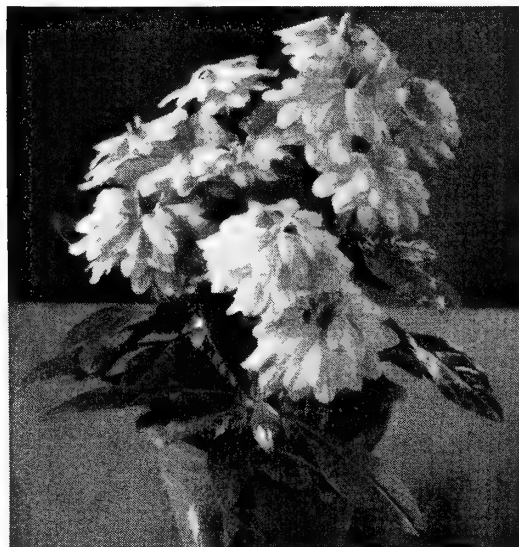
® CROSSANDRA UNDULIFOLIA

This everblooming plant has flower spikes of overlapping bright salmon florets. Attractive bright glossy foliage.

Sown any time of the year it will flower in from 6 to 9 months.

It requires a rich well drained soil and a temperature of at least 65 degrees. We predict this will become a very popular pot plant. We offer new crop seed. Seed sown in January and shifted to 4-inch pots will be ready for May sales.

50 seeds \$2.00; 100 seeds \$3.50; 200 seeds \$6.00.



CROSSANDRA

Cuphea

7,000 seeds per ounce.

Firefly. Excellent for pots or as an easily grown bedding annual. Plants are dwarf and compact completely covered with bright scarlet flowers. Tr. pkt. 40c; 1/8 oz. 75c; 1/4 oz. \$1.35.

Cypress Vine IPOMOEA QUAMOCLIT

Mixed Trade pkt. Oz.
\$0.25 \$2.00



CYCLAMEN

Cyclamen

MICHELL'S GIANT IMPORTED SHOW

Note.—Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 1. Dark Blood-red	\$2.50	\$20.00
④ No. 2. Bright Red	2.50	20.00
④ No. 3. Pure Rose	2.50	20.00
No. 4. Rose of Marienthal. Bright pink	2.50	20.00
No. 5. White with Carmine Eye	2.50	20.00
④ No. 6. Pure White	2.50	20.00
④ No. 7. Bonfire. Brilliant scarlet	2.50	20.00
No. 8. America. Salmon-scarlet	2.50	20.00
No. 9. Improved Salmon-Rose	2.50	20.00
④ No. 10. Glory of Wandsbek. Salmon-red	2.50	20.00
④ No. 11. Rose of Zehlendorf. Salmon-pink	2.50	20.00
④ Choice Mixture	2.00	15.00

VOGT'S DOUBLE-FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant. Available in original packets of 100 seeds.

Mixed Colors. 100 seeds \$3.75; 250 seeds \$7.75; 500 seeds \$14.50.



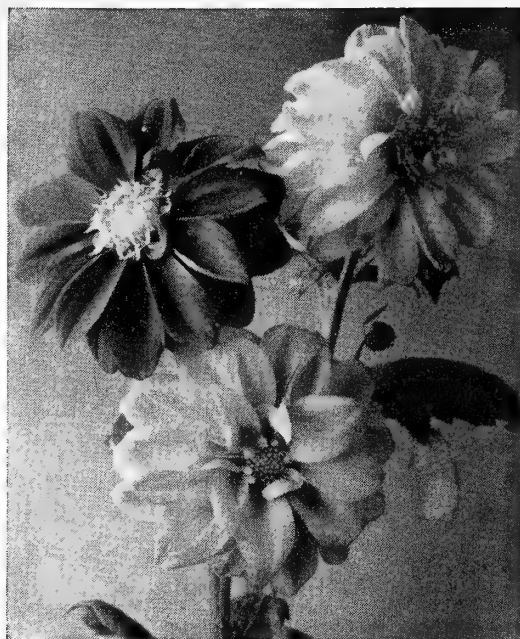
CYNOGLOSSUM
FIRMAMENT

Cynoglossum

5,300 seeds per ounce.

④ **FIRMAMENT.** Dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Tr. pkt. 25c; 1/4 oz. 45c; oz. \$1.35.

PLEASE NOTE.—The pound rate will apply only where 1/2 pound or more of a variety is ordered.



UNWIN'S DWARF HYBRID DAHLIAS

Dahlia

2,800 seeds per ounce.

Easily grown from seed, will bloom first year if sown early.

④ MICHELL'S Alldouble Dwarf Hybrids

An improved strain which will produce 100 per cent all-double flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot plants. Trade pkt. 75c; 1/4 oz. \$2.50; oz. \$8.00.

	Trade pkt.	Oz.
④ Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids, 1 1/2 to 2 feet high, in a wide range of charming colors. Fine for bedding. Requires no stakes and may be planted 18 to 20 inches apart. 1/4 oz. 80c; 1/4 lb. \$7.50..	\$0.40	\$2.50
Double Cactus. Choice mixture, all colors. 1/4 oz. \$2.50..	1.00	7.50
Double California Giants, Mixed. A selection from named varieties grown by a celebrated producer in California	1/4 oz. \$3.00..	1.00 10.00
Double Large-Flowering, Mixed. Show type.	1/4 oz. \$1.00..	.60 3.50
Coltness Hybrids, Mixed. Dwarf single type. Very free flowering. Choice mixture. 2 ft.	1/4 oz. 50c..	.25 1.75

Delphinium

CHINENSE GRANDIFLORUM (ANNUAL)

20,000 seeds per ounce.

Trade pkt. Oz.

④ Blue Mirror. Bright navy blue flowers without spurs. Can be treated as an annual, also perennial. Excellent for cutting	1/4 oz. \$1.25..	\$0.55 \$3.75
④ Cambridge Blue. Azure-blue. 3 ft.	1/4 oz. \$0.90..	.30 2.70
Chinese, Finest Mixed	1/4 oz. \$0.90..	.30 2.70

Dianthus - PINKS

25,000 seeds per ounce.

④ WEE WILLIE

New. Dwarf, 3-inch plants with flowers in various shades of red. Plants bloom in 6 to 8 weeks from sowing. Excellent for flats and combinations. Tr. pkt. 60c; 1/4 oz. \$1.80; oz. \$5.40.

	Trade pkt.	Oz.
④ Heddensis, Finest Mixed. Offered in the full range of Dianthus colors. Well-formed 2-inch flowers on long 16-inch stems, fine for cutting	1/4 oz. 60c..	\$0.30 \$2.00
④ Sweet Wivelsfield. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer. Mixed	1/4 oz. 35c..	.20 1.00
Double Annual Varieties		
Chinensis Mixed. China or India pink .....	.25	1.10
Fringed, Mixed. Large flowers .....	.25	1.10

Didiscus - BLUE LACE FLOWER

10,300 seeds per ounce.

Caerulea. Improved Strain. Lavender-blue, lace-like flowers. Sow seed in September, transfer into small pots, and after 4 weeks plant in a bench, leaving 4 inches between the plants and 1 foot between the rows. Grow in a Carnation house temperature.

Tr. pkt. 30c; ¼ oz. 80c; oz. \$2.40.



DIMORPHOTHECA
AURANTIACA MIX

Dimorphotheca

10,000 seeds per ounce.

Aurantiaca hybrida. African orange Daisy. 2 inch flowers ranging in color from white to yellow and orange shades.

Tr. pkt. 25c; ¼ oz. 60c; oz. \$1.80.

Dracaena

1,500 seeds per ounce.

Trade pkt. Oz. ¼ lb.

Indivisa. Narrow green leaves. The popular center plant for vases Lb. \$6.00. \$0.20 \$0.55 \$1.65

DUSTY MILLER. See *Centaurea* and *Cineraria maritima*.

Eschscholtzia

CALIFORNIA POPPY

15,000 seeds per ounce.

Trade pkt. Oz.

Choice Mixed \$0.30 \$1.00

Exacum Affine

1,000,000 seeds per ounce.

A fine greenhouse pot plant which produces richly fragrant violet-blue flowers. This neat and attractive plant will flower in 6 months from seed. Height 9 inches. Tr. pkt. \$1.25; 1/128 oz. \$3.00; 1/64 oz. \$5.50.

Gaillardia

ANNUAL VARIETIES

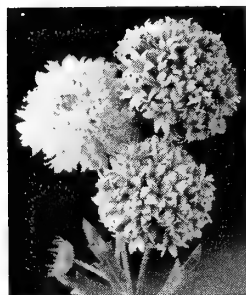
15,000 seeds per ounce.

Useful for cutting or for the mixed border.

Indian Chief. Single; brilliant bronzy red. Tr. pkt. 25c; ¼ oz. 50c; oz. \$1.50.

Double Lorenziana Mixed. An easily grown annual with bicolored blooms in shades of yellow, orange, red, and maroon.

Tr. pkt. 25c; ¼ oz. 50c; oz. \$1.50.



GAILLARDIA, Lorenziana

Geranium

6,200 seeds per ounce.

Trade pkt. Oz.

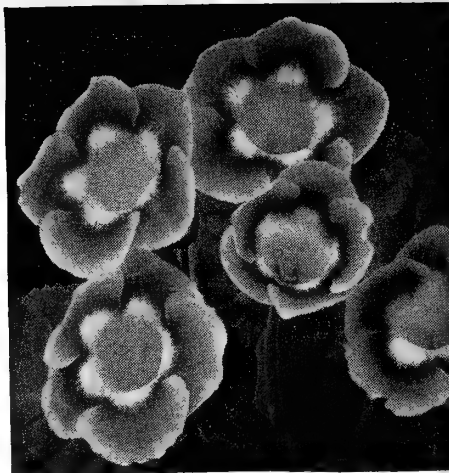
Zonale, Mixed. Single ¼ oz. \$2.00. \$0.50 \$6.00

Gerbera - TRANSVAAL DAISY

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot plants or for cutting.

100 1000
seeds seeds

Jamesoni hybrida. These hybrids include many brilliant colors and shades \$0.65 \$5.50



GLOXINIA

Gloxinia

1/32 oz. 25,000 seeds.

Cultural Directions: For good salable 4- or 5-inch pots in June sow the seed in December or early January. Germinate the seed at 70 degrees and carry the seedlings at 65. For the first transplanting seedlings should be placed in flats or open beds with a spacing of 2 or 3 inches. Tuberous Begonia soil is satisfactory. After seedlings become crowded pot into 4's. Keep them growing, never allow them to become dry. Light shade is used in the winter months and heavier as the days become brighter.

PANZER'S SCARLET

The most popular of all Gloxinias. A vivid velvety red. Originators seed. Tr. pkt. \$3.00; 5 pkts. \$13.50.

Emperor Frederick. Scarlet and white.

Emperor William. Violet and white.

Tigrina. Tigered and spotted.

Scarlet.

Blue.

White. Pure white.

Each of above: Tr. pkt. \$1.25; 6 pkts. \$6.00.

⊗ **Hybrida grandiflora.** French Hybrids. Our seed is saved from selected plants of a collection grown by a celebrated specialist.

½ tr. pkt. 75c; tr. pkt. \$1.25.

Gypsophila

ELEGANS GRANDIFLORA BABY'S BREATH

24,000 seeds per ounce.

Oz. ¼ lb. Lb.

New York Market. Fine pure white variety; large, extra-petaled flowers. Strong growth \$0.30 \$1.00 \$3.00

⊗ **Covent Garden Market (London Market).** (Improved Strain.) Very large pure white flowers with 6 to 8 petals. We consider this the best variety on the market30 .75 2.50

⊗ **Paris Market Strain.** A popular standard sort. Very early30 1.20 3.60

Elegans carminea. Bright carmine-rose Tr. pkt. 20c. 1.20 4.00

Gomphrena - GLOBE AMARANTH

5,500 seeds per ounce.

Also called "Bachelor's Button's." A useful Everlasting for bedding, also for cutting. Trade pkt. Oz.

⊗ **Buddy.** Dwarf purple, an excellent strain for pot plants or borders. Uniform, ball-shaped plants 6 inches tall, very long blooming ¼ oz. \$1.00. \$0.60 \$3.00

Globosa. Tall. Red-purple ¼ oz. \$0.50. .30 1.50

⊗ **Mixed.** All colors ¼ oz. \$0.50. .30 1.50

Grevillea - SILK OAK

3,000 seeds per ounce.

Trade pkt. Oz.

Robusta. A fine foliage plant. Makes an ideal base for made-up holiday baskets. Easily raised from seed.

. ¼ oz. \$1.35. \$0.40 \$4.00

Gourds, ORNAMENTAL

Large Sorts, Mixed25 .90
Small Sorts, Mixed25 .90

Heliotrope

50,000 seeds per ounce.

Highly prized on account of the delightful fragrance of the flowers. Excellent for pots or bedding.

Ⓜ **Marine.** Dark navy blue with rich green foliage. Huge flower heads 12 to 15 inches across. Early flowering. Excellent for bedding or pots. Very fragrant Tr. pkt. 55c; 1/16 oz. \$1.60; 1/4 oz. \$4.80.

Choice Mixed 1/4 oz. \$0.75..\$0.40 \$2.50

Helichrysum Bracteatum Monstrosum

36,000 seeds per ounce.

Strawflower

Choice Mixed Tr. pkt. 1/4 oz. Oz. \$0.25 \$0.40 \$1.40

Hollyhock, DOUBLE ANNUAL

3,800 seeds per ounce.

Ⓜ **Indian Summer.** All-America Bronze Medal Winner. Double Hollyhock that blooms in the summer from seed sown early in spring; also can be treated as a perennial. Choice Mixed.

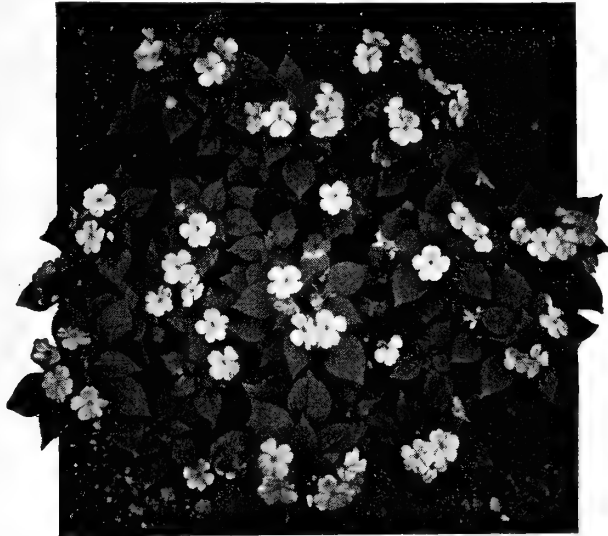
Tr. pkt. 45c; 1/4 oz. 80c; oz. \$2.40.

Hinnemannia YELLOW TULIP POPPY

7,000 seeds per ounce.

Trade pkt. Oz.

Sunlite. Semi-double, bright canary-yellow flowers. Gray-green foliage 1/4 oz. 50c..\$0.25 \$1.75



IMPATIENS

Impatiens - SULTAN'S

66,000 seeds per ounce.

The most popular shade loving annual on the market today. Tolerant of a wide range of temperatures during growing season. Germinate at 65 to 70 degrees. Be sure to have some available for your customers.

DWARF VARIETIES

Two excellent new additions to this dwarf class. Plants are dwarf and compact, 6 to 8 inches.

Snowflake. New. Pure white flowers, prolific bloomer.

Pink Cloud. New. Brilliant luminous pink.

Each: Tr. pkt. \$1.50; 1/32 oz. \$3.25; 1/16 oz. \$6.00; 1/8 oz. \$11.00.

Ⓜ **Scarlet.** Carmine-scarlet changing to deep salmon-scarlet, dwarf compact free flowering habit. 6 inches.

Ⓜ **Salmon.** Same as above except color, which is a salmon-orange. Dwarf; 6 inches.

Ⓜ **Sultani Mixture.** Compact and free flowering plants in a bright mixture. Each of the above:

Tr. pkt. \$1.00; 1/32 oz. \$3.00; 1/16 oz. \$5.75; 1/8 oz. \$10.50.

TALL VARIETIES

Ⓜ **Holsti.** Vermilion-red.

Ⓜ **Holsti Mixed.** A good mixture of lilac, carmine, salmon-pink and scarlet shades.

Each of the above: Tr. pkt. 60c; 1/16 oz. \$1.10; 1/8 oz. \$2.00.

Ipomoea

650 seeds per ounce.

Tr. pkt. Oz.

Candy Pink. A giant-flowered pure bright pink Morning Glory. Flowers are 4 inches in diameter with plants growing to 15 ft. Flowers continuously 1/4 oz. 50c..\$0.25 \$1.65

Ⓜ **Blue Star.** Honorable Mention, All-America Selections. A distinct shade of clear sky-blue accentuated by the five deeper blue midribs to form an attractive star. 1/4 lb. \$3.00 .40 .90

Ⓜ **Pearly Gates.** Silver Medal, All-America Selections. The flowers of this variety are a lovely lustrous white with cream shading deep down in the throat and average 4 1/2 inches across 1/4 lb. \$3.00.. .40 .90

Ⓜ **Scarlett O'Hara.** Gold Medal, All-America Selections. An early flowering variety with blooms 3 to 4 inches across and of a vivid scarlet color. Will begin to bloom in about 65 days from seed 1/4 lb. \$3.00.. .40 .90

Heavenly Blue Morning Glory, Clarke's Early Improved 1/4 lb. \$2.25.. .25 .75

Noctiflora. Moonflower. Large; white 1/4 lb. \$2.00.. .20 .60

Hearts and Honey

Ⓜ **Magic Flower Vine.** Changes color 3 times a day. One of the most unusual flowers ever offered—pretty as a picture. Easily grown anywhere. Flowers 7 weeks after sown and blooms continuously until frost. In early morning flowers are a brilliant orange, towards noon they become a pinkish red and in later afternoon a clear bright shade of rose-pink with a white center 1/4 oz. 75c.. .40 2.50

Kalanchoe

2,240,000 seeds per ounce.

The increasing popularity of this plant is due to its durability in the home. The normal flowering period is January and February, however, they may be flowered for Christmas if seed is sown in January and the plants shaded for four weeks beginning September 1st, and grown at 60°. Seed sown August 1 will make good 2 1/4 in. for Valentine's Day if grown at 50° with no black cloth treatment.

Tr. 1/64
pkt. oz.

Ⓜ **BRILLIANT STAR.** An excellent pot plant with flowers three times the size of regular varieties, and of a brighter fiery red color. Stem is 9 to 11 inches long, especially good for cutting 1/128 oz. \$2.10..\$1.00 \$3.85

Tom Thumb. A dwarf compact strain of this popular succulent producing perfectly rounded symmetrical plants, literally covered with bright scarlet flowers

..... 1/128 oz. \$3.00.. 1.50 5.50

Kochia

SUMMER CYPRESS

45,000 seeds per ounce.

Childsi. Compact plants 2 to 3 ft. tall with bright green foliage, turning red in the fall. Attractive as a summer hedge.

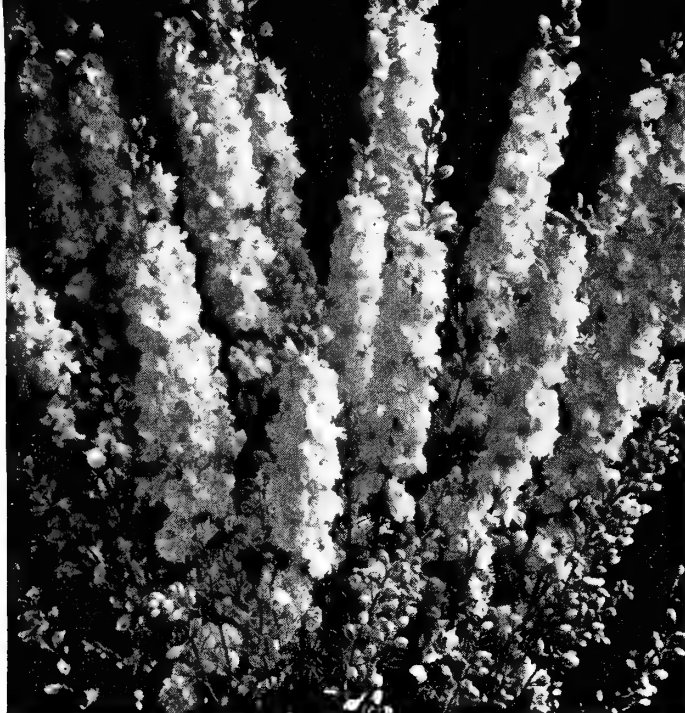
Tr. pkt. 15c; oz. 50c; 1/4 lb. \$1.80.



KOCHIA CHILDSI

Plants That Will Grow In the Shade

Alyssum	Tuberous Begonia	Pansies
Coleus	Gloxinias	Salvia
Exacum	Impatiens	Torenia
Fibrous Begonia	Lobelia	Caladiums



LARKSPUR, Supreme

Lantana

1,300 seeds per ounce.

Trade pkt. Oz.

Hybrida Choice Mixed. Sow seed early, and with bottom heat

..... 1/4 oz. 90c.. \$0.30 \$2.70

Linaria

462,000 seeds per ounce.

Fairy Bouquet Mixed. Dwarf. Large flowering. Choice mixture

..... 1/4 oz. 50c.. .25 1.50

Lobelia

700,000 seeds per ounce.

One of the best plants for edging beds, or for pots, baskets, and vases. Seed should be sown early.

Ⓜ **Crystal Palace Compacta.** The leading dwarf variety. Dark blue flowers and dark foliage.

Ⓜ **Rosamond.** New. Startling new color, a violet-rose with white eye.

Ⓜ **Sutton's Cambridge Blue.** Large, bold flowers of a light blue shade. Dwarf, compact growth. Green foliage.

Mitchell's Blue Stone. Dwarf, compact growth. Bright blue.

Crystal Palace Speciosa. The best trailing sort for baskets and vases. Deep blue flowers.

Mrs. Clibran. Dwarf. Deep blue flowers with white eyes.

Sapphire. Deep blue, white eye. Trailing.

Each of the above, trade pkt. 40c; 1/4 oz. \$1.25; oz. \$3.75.

Lupinus - ANNUAL DWARF

1,300 seeds per ounce.

Trade pkt. Oz.

Very attractive and popular as a cut flower.

Ⓜ **PIXIE DELIGHT.** Dwarf growing Lupin, very free flowering in a wide range of colors. This is something different and should find a place in every garden.

..... 1/4 oz. 60c.. \$0.30 \$2.00

HARTWEGI (KING)

An improved strain, 3 to 4 feet high, with base branching habit.

King Blue. Enormous spikes of rich Oxford-blue color.

King Sky-Blue. Clear light blue.

King White. Glistening pure white; giant spikes.

Choice Mixture.

Each of the above, trade pkt. 35c; oz. \$1.00; 1/4 lb. \$3.00.

Larkspur

8,000 seeds per ounce.

This very popular annual for cutting can be grown either outdoors or in the greenhouse. The most successful method for spring flowering is to sow the seed in the open ground approximately 1 inch apart. One ounce will sow a 600-foot row. The young seedlings can be protected with a mulch, although in many sections of the country this is not necessary. Select a location with good drainage. For growing under glass they are excellent to follow late Mums. Seed is sown in late December to early January. Seedlings will have to be banded or potted. Plants are benched 10x10 and grown in 45-50° temperatures.

Ⓜ SUPREME STRAIN

This giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than the Giant Imperial. This strain is especially fine for greenhouse growing.

Carmine Supreme. (New). Color intensity is deeper than Carmine King Imperial. Plant habit is the same as the other Supreme varieties. Completes the color range of this popular strain.

Light Blue. Clear heavenly blue.

Rose. Clear deep rose.

Dark Blue. Rich violet-purple.

Salmon. A true salmon-pink.

Lilac. The best clear lilac to date.

White. Pure white.

Pink. Clear bright rose-pink.

Choice Mixed.

Each of the Above:

Tr. pkt. 40c; 1/2 oz. \$1.00; oz. \$1.80; 1/4 lb. \$6.00; lb. \$18.00.

GIANT IMPERIAL VARIETIES

Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

Ⓜ **Brilliant Rose.** Fine rose-pink.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford blue.

Deep Carmine King, Improved.

Exquisite Pink, Improved. Beautiful salmon-pink.

Lilac King. A true lilac shade.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Pink King. Soft, warm salmon-rose.

Pink Perfection. Shade of light pink.

Sweet Lavender. Light lavender-blue.

White King. (Improved.) Giant pure white flowers on long spikes.

White Spire. Pure white.

Each of the Above:

Tr. pkt. 30c; 1/2 oz. \$1.00; oz. \$1.80; 1/4 lb. \$6.00; lb. \$18.00.

Imperial Mixed—A Blended Mixture

Trade pkt. 30c; oz. \$1.60; 1/4 lb. \$5.25; lb. \$16.00.

PLEASE NOTE.—The pound rate will apply only where 1/2 pound or more of a variety is ordered.



LOBELIA, Blue Stone

Marigolds

See pages 22 and 23.

Mignonette

27,000 seeds per ounce.

For a spring cut, sow in January. Very fragrant. Trade pkt. Oz.
 Ⓜ **Ball Forcing Strain.** Colossal spikes. The best variety for forcing ¼ oz. \$1.00 .. \$0.40 \$3.00
New York Market. A selected florist strain. ¼ oz. 50c .. .25 1.50
Sweet-Scented. Large flowering ¼ lb. \$1.50 .. .50

Mimosa

Pudica (Sensitive Plant). Novelty, fern-like plant. Leaves close when touched ¼ oz. 65c .. .30 2.00

Mirabilis Jalapa

350 seeds per ounce.

MARVEL OF PERU; FOUR O'CLOCK

Mixed Colors Oz. ¼ lb.
 \$0.40 \$1.25



NASTURTIIUM, Golden Gleam

Nasturtiums, DOUBLE VARIETIES

175 seeds per ounce.

Dwarf Double Art Shades. The most brilliant mixture yet introduced. Plants are of dwarf, compact habit with the flowers well above the foliage. Excellent for borders.

Dwarf, Golden Globe. Identical in color to the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented.

Dwarf, Scarlet Globe.

Dwarf Gem Mixture. Semi-double, sweet-scented flowers in an excellent color range.

Ⓜ **Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers, excellent for cutting and growing in pots in the greenhouse.

Ⓜ **Scarlet Gleam.** (Bodger.) Fiery scarlet, 3 inches across and uniformly double, with lush green foliage.

Ⓜ **Gleam Hybrids.** (Bodger.) A collection of gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.

Each of the above: Oz. 45c; ¼ lb. \$1.25; 1 lb. \$4.00.

DWARF OR TOM THUMB SINGLE VARIETY

240 seeds per ounce. Oz. ¼ lb. 1 lb.
 Michell's Giant-Flowering, Mixed \$0.30 \$1.00 \$3.00

CLIMBING OR TRAILING VARIETY

Michell's Giant-Flowering, Mixed30 1.00 3.00

Nemesia

Ⓜ TRIUMPH MIXTURE

6- to 8-inch, dwarf, compact plants ideal for combinations and bedding. Outstanding mixture with wide color range.

Tr. pkt. 35c; ¼ oz. 75c; ½ oz. \$2.50.

Nemophila

Tr. pkt. Oz.

Insignis, Blue. A pretty annual growing about 8 inches high, with light blue flowers \$0.25 \$1.00



NICOTIANA White Bedder and Crimson Bedder

Nicotiana - ORNAMENTAL TOBACCO

210,000 seeds per ounce.

Tr. pkt. Oz.

Ⓜ **White Bedder.** (New). Pure white companion of Crimson Bedder. 15 inches ¼ oz. 60c .. \$0.30 \$2.00

Ⓜ **Crimson Bedder.** Rich deep crimson. 15 in. ¼ oz. 60c .. .30 2.00
Affinis. (400,000 seeds.) Large, white; fragrant. 2½ ft.25 1.20

Ⓜ SENSATION MIXED

A 2-ft. day-blooming strain very compact and uniform. Has a wide color range from reds, purple and rose to yellow, pink and white. Fragrant. Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.25.



NIEREMBERGIA, Purple Robe

Nierembergia

1/32 oz. 5,000 seeds.

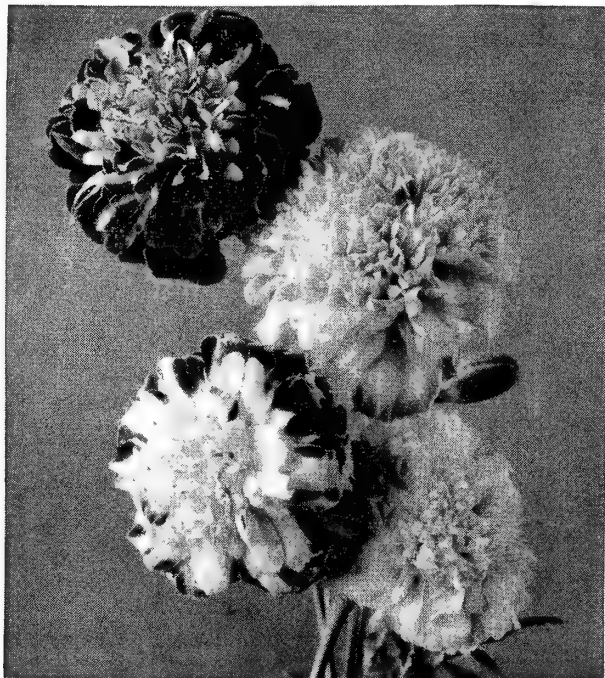
Ⓜ **Purple Robe.** Bronze Medal, All-America Selections. A very fine deep violet-purple form of Hippomanica. This form maintains its deep color, does not fade, has a neat, compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high.

Tr. pkt. 50c; 1/32 oz. \$1.75; 1/16 oz. \$3.25; ¼ oz. \$9.75.

Marigolds

9,000 seeds per ounce.

® Recommended varieties



HARMONY HYBRIDS

DWARF DOUBLE FRENCH

® **Butterball.** Bronze Medal, All-America Selections. Very compact, Scabious-flowered, canary-yellow. 6 to 10 inches tall; uniform. Very early.

® **Color Magic.** Fully double, 1½-inch flowers in rich shades of yellow and orange irregularly marked with red. 12 in. high.

Harmony Hybrids. 12 to 14 inches high, flowers medium size, color range includes innumerable combinations of Harmony.

® **Harmony.** Flowers very double, deep orange, with maroon collar.

® **Lemon Drop.** Early, full double canary-yellow Marigold. Grows 9 inches tall, free flowering and uniform, compact plants. Excellent for pots for bedding.

Melody. Bronze Medal, All-America Selections. Double, brilliant orange. Compact plants 12 inches high. Very early.

Miniature New Spry Hybrids. New and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain.

Parisian Hybrids. All of the colors, hues and tones known to Marigolds. Considerably earlier than the regular strains and blooms late into the fall season.

Primrose Gem. A rich primrose-yellow; with tightly packed centers, supported by several rows of slightly larger petals. Plants are neat and compact and about 9 inches tall. Twelve to fifteen blooms in flower on one plant at a time.

® **Rusty Red.** Large, rusty red, fully double flowers, 2 inches and more across, are borne freely well above the dwarf, bushy plants from early in the summer until frost. Grows 18 inches high.

® **Spry.** Silver Medal, All-America Selections. Extra-dwarf, double, compact and uniform, 9 inches tall, with very light orange-crested center and maroon outer petals.

Scarlet Glow. Honorable Mention, All-America Selections. A distinct bronzy red color. Flowers are 1¾ to 2 inches across; some show russet and golden colors.

® **Sunkist.** Very dwarf and compact, with solid deep golden orange, Anemone-type flowers. Free flowering.

Tangerine. Distinct shade of bright tangerine-orange. Flowers are fully double, 2 inches across, and completely cover the bushy, mound-like plants which grow about 15 inches high.

Yellow Pygmy. Light lemon-yellow. Grows 8 inches high. Free flowering.

Dwarf Double French, Mixed.

Prices of the above: Tr. pkt. 30c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$6.00.

DWARF TYPES for BEDDING

® SPUN GOLD

All-America Selection 1960

Bronze Medal Winner. An extra early Dwarf Chrysanthemum Flowered type 10 to 12 inches high. Plants are compact and bushy, completely covered with 3-inch light golden yellow flowers. The earliness of this variety makes it especially adapted to flat and container sales.

Tr. pkt. 85c; ¼ oz. \$2.50; oz. \$7.50; ¼ lb. \$22.50.

DWARF CHRYSANTHEMUM FLOWERED

® **Cupid Yellow.** Odorless foliage. Large primrose-yellow Chrysanthemum-like flowers, 2 to 2½ inches across. Height 6 inches.

® **Cupid Orange.** Identical to Cupid Yellow except for its orange flower.

Cupid Mixed. A special blend carefully prepared by the western producer.

Prices of the above: Tr. pkt. 50c; ¼ oz. \$1.75; oz. \$5.00.

Little Giants, Mixed. Plants are compact and literally covered with blossoms. Foliage is a deep bluish green.

Tr. pkt. 40c; ¼ oz. 65c; oz. \$2.25.

DWARF SINGLE FRENCH

Dainty Marietta. Soft golden yellow flowers colored mahogany at the base of each petal. Plants are dwarf and compact and will bloom extremely early, making it ideal for flat growers. Free flowering.

Brownie. The mahogany-red petals are edged with a thin line of gold further enhancing the warm color. Very free flowering, blooms 2 inches in diameter, long flowering season.

® **Flash.** The flowers are brilliant tangerine and marigold, later turning to golden orange.

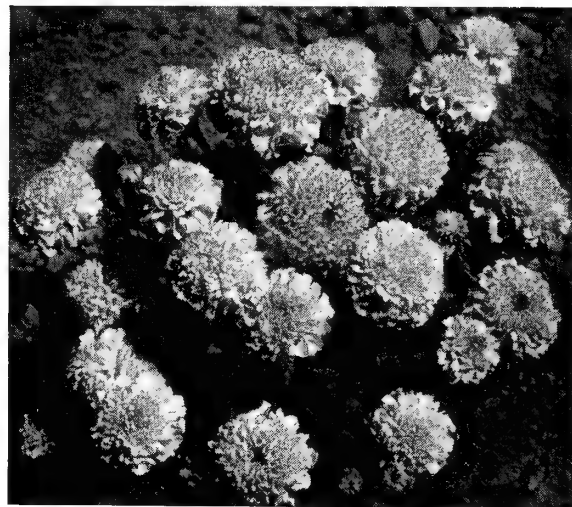
Naughty Marietta. Flowers 2 to 2½ inches in diameter, 12 inches tall and 16 inches across, completely covered with bright golden yellow flowers, attractively marked with mahogany at the base of the petals.

® **Red Head.** The plants grow very vigorously—forming a compact row 15 inches high and 20 inches across. Flowers 2 in. across, rich mahogany.

Sunny. Cheerful, single, bright yellow flowers, about 2 in. across, with attractive wavy edges. Plants are well rounded, 15 in. tall, 16 inches across.

Dwarf Single French, Mixed.

Prices of the above: Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.



PETITE YELLOW

® PETITE MARIGOLD

Bronze Medal Winner 1958. This strain is extra dwarf, uniform, early and extremely floriferous. Outstanding for borders and mass effects. Plants flower when 3 inches high and grow to a height of 5 to 6 inches with a 10-inch spread. See illustration on back cover.

Petite Spry. (New). Mahogany petals, yellow center.

Petite Gold. Deep gold.

Petite Yellow. Brilliant yellow.

Petite Orange. Bright orange.

Petite Harmony. Mahogany petals, orange center.

Petite Mixed. Mixture of above varieties.

Tr. pkt. 45c; ¼ oz. \$1.35; oz. \$4.00; ¼ lb. \$12.00.

TALL TYPES for CUTTING



CARNATION-FLOWERED SUNBRITE

CARNATION-FLOWERED

These favorite free-flowering annuals grow from 2½ to 4 ft. tall and are well adapted for large beds, mixed borders, and splendid for cutting.

Ⓜ SUNBRITE

Very early, this strain produces blooms of deep golden yellow measuring from 3 to 3½ inches across. The plant habit is very uniform. Height 12 to 15 inches.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50

Ⓜ **Alldouble Lemon.** A fine clear yellow variety which will produce all double flowers.

Ⓜ **Alldouble Orange.** Produces a large percentage of double flowers of a bright orange shade.

Burpee Gold. Beautiful Carnation-like flower, fully double. Color is an even rich orange. Blooms 3½ inches across. Plants lack the disagreeable odor.

Guinea Gold. The flowers are 100% double and semi-double. Clear orange, flushed with gold.

Man-In-the-Moon. A pale lemon-yellow, fully double, nearest to white.

Yellow Supreme. Broad, loosely frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft.

Ⓜ **Carnation-Flowered Mix.** Ranges in color from deep orange to light yellow.

Prices of the above: Tr. pkt. 30c; ¼ oz. 55c; oz. \$1.75.

Forcing Marigolds

Lieb's Winter-Flowering. Mahogany-brown, golden yellow crested center.

Lieb's Winter-Flowering Sunshine. Bright golden yellow.

Above two: Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

SINGLE BUSH TYPES

Ⓜ **LULU.** This is the first real yellow in the Tagetes type. A very compact dome-shaped plant growing about 7 inches tall and 12 inches across. The plant is completely covered with dainty single florets that are three-fourths of an inch across. A pleasing shade of bright canary-yellow, without a zone but with a small eye that is a trifle darker. Ideal for borders, edgings and rockeries.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

Tr. pkt. Oz.

Signata pumila. A fine bedding plant. Flowers golden yellow\$0.25 \$1.00



GLITTERS

CHRYSANTHEMUM-FLOWERED

Compact flowers with petals tightly incurved, 2 to 3 inches across on plants 2 to 3 ft. high.

Tr. pkt. ¼ oz. Oz.

Ⓜ **Glitters.** All-America Bronze Medal Winner. Fluffy, Chrysanthemum-like, bright canary-yellow flowers 3 inches across, long stems. 2 feet tall\$0.35 \$1.00 \$3.00

Golden Crown. Extra early Chrysanthemum type, blooms from 2 to 3 weeks ahead of regular strains. The color is a lively golden orange. The bountiful supply of huge blooms are 3½ to 4½ inches. Height about 16 to 20 inches50 1.25 4.00

Goldsmith. Base branching, growing 3 to 4 feet high and producing large golden orange blooms 4 to 5 inches across40 .75 2.50

Ⓜ **Mammoth Mum.** Flowers are fluffy, ball-like, light sulphur-yellow in color. Plants are 30 inches high and blooms 3½ inches across. Early flowering.40 .90 3.00

Giant Chrysanthemum-Flowered Hybrids. These hybrids consist of many new and distinct types of Marigolds, varying in size of blooms and colors30 .55 1.75

AFRICAN DOUBLE

Tr. pkt. Oz.

Tall Double, Mixed ¼ lb. \$5.50 ..\$0.30 \$1.50

GIGANTEA VARIETIES

The largest flowered of all Marigolds. Plants 3½ ft. tall, with huge ruffled, tightly petaled blooms.

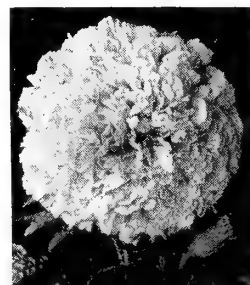
Ⓜ CRACKERJACK

The earliest of the Giant varieties. Compact plants growing 30 to 36 inches tall. The blooms measure 5 to 6 inches in diameter and the color ranges through yellow to gold and brilliant orange.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$10.00

EARLY SUNSET GIANTS MIXED

An early blooming old standard variety. The color range includes orange, gold, buff, lemon, and primrose. Excellent cut flower strain. Tr. pkt. 30c; ¼ oz. 55c; oz. \$1.75.



CRACKERJACK

Ⓜ

Varieties preceded with this symbol are especially recommended.

24,000 seeds per ounce.

® Recommended varieties.



PANSY, Swiss Giants

® MICHELL'S NEW SWISS GIANTS

Grown especially for us by one of Holland's leading Pansy specialists. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched. Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Improved Swiss Giants Mixture. An early strain about 7 to 10 days ahead of the Dwarf Swiss. Large flowers in many brilliant colors and shades.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Dwarf Swiss Giants, Choice Mixed. Very compact and dwarf. Flowers are held well above the foliage on strong stems. Very floriferous and in a great variety of colors.

Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$8.00; 1/4 lb. \$28.00.

COLOR CARNIVAL

® (Pacific Giant F-2 Hybrid)

The most highly developed American Pansy ever bred; it figures all the colors and advantages of the finest Swiss Strains with extremely large flower size and vigor. Blooms all are blotched, coloration runs the full range of Pansy colors in rich variation. Habit of growth of all plants is remarkably uniform.

Tr. pkt. \$1.50; 1/8 oz. \$3.75; 1/4 oz. \$7.00; 1/2 oz. \$12.00; oz. \$22.00.

® **Michell's Giant Climbing.** Tall growing winter cut flower type suitable for greenhouse forcing. The colors are a pleasing blend of bright blues, yellows, whites and dark shades.

Tr. pkt. \$1.00; 1/8 oz. \$2.75; 1/4 oz. \$5.00; oz. \$17.00; 1/4 lb. \$59.50.

Felix. Uniformly true to type, with ruffled flowers of good size carried on fairly dwarf plants. Colors are rich and unusual—including purple, apricot and wine shades together with pastel bronzes and smoky tones difficult to describe. Each flower is marked with the dark "whiskers" characteristic of this strain and the over-all effect is very striking.

Tr. pkt. \$1.00; 1/4 oz. \$3.00; oz. \$9.00; 1/4 lb. \$30.00.

Blue Boy. Medium size silvery blue flowers. Free-flowering.

Tr. pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

Pansies have become equivalent to Petunias in spring bedding plant sales. This rise in popularity has been the reason for new methods of culture being developed. Many Pansy growers now sow their seed in December or early January and carry their seedlings in the greenhouse until just after freezing temperatures when they are placed in cold frames.

The other popular method is the sowing of seed in late July or early August. These plants are then spaced 4x6 in frames and given a protective winter covering. Plants handled in this way should have their bud set before freezing weather arrives.

Extra Early Flowering Varieties

® AMERICA

A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades. Highly recommended as a field-grown crop for early sales.

Tr. pkt. 70c; 1/8 oz. \$1.25; 1/4 oz. \$2.00; oz. \$6.00; 1/4 lb. \$21.50.

® **Michell's Springtime Giant Pansy.** We are pleased to offer this fine new early-flowering Giant Pansy with blooms measuring 3 1/2 to 4 inches across, and coming in a superior mixture of light colors so popular in the spring garden. The plants are dwarf.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

® **Jumbo Mixture.** Grown from Originator's Stock. Extra-large, long-stemmed flowers, very early, in a choice mixture of colors.

Tr. pkt. \$1.00; 1/8 oz. \$3.00; 1/4 oz. \$5.10; 1/2 oz. \$9.20; oz. \$16.50; 1/4 lb. \$58.75.

Large Flowering Varieties

Maple Leaf Giants. A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types.

Tr. pkt. 65c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

® **Engelmann's Mixture.** Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Tr. pkt. \$1.00; 1/8 oz. \$3.30; 1/4 oz. \$6.00; oz. \$18.00; 1/4 lb. \$64.00.

® **Michell's Giant Exhibition, Mixed.** A giant strain of heavy texture and varied shades and colors.

Tr. pkt. 75c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$10.00; 1/4 lb. \$32.00.

Pay Dirt Jumbo. Largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Fine dwarf habit and resistant to heat.

Tr. pkt. \$1.00; 1/16 oz. \$2.75; 1/8 oz. \$5.00; 1/4 oz. \$9.00; oz. \$28.00.

Trimardeau, Choice Mixed. Medium-sized flowers, excellent for bedding.

Trade pkt. 60c; 1/4 oz. \$1.75; oz. \$6.00; 1/4 lb. \$20.00.

SWISS GIANTS, SEPARATE SORTS

Alpenglow. A fine range of cardinal-red shades.

Berna. Very rich, velvety purple-violet.

® **Coronation Gold.** Round canary-yellow flowers with lower petals flushed golden orange, measuring as much as 3 inches across, with slightly ruffled edges.

Firebeacon. Bright wallflower-red with a touch of orange.

® **Lake of Thun (Ullswater).** Marine-blue, with deep blue blotches.

Luna. Soft sulphur-yellow; frilled edges.

® **Pure White.** The best giant pure white.

® **Raspberry Rose.** Soft pink-carmine; velvety blotched, slightly lighter at edges.

Rheingold. Deep golden yellow with black blotches on the three lower petals.

Red Wing. Upper petals red, lower petals golden yellow with dark blotches.

® **Super Beaconsfield.** Extremely large-flowered, lower petals purple-violet shading off to white, flushed lilac on the upper petals, comes 80% true.

Each of the above, trade pkt. 80c; 1/8 oz. \$2.00; 1/4 oz. \$3.50; oz. \$11.00.



PHLOX DRUMMONDI, Michell's Radiant Mixed

Phlox Drummondii

14,000 seeds per ounce.

Ⓜ MICHELL'S RADIANT MIXED

We have what we consider the outstanding dwarf Phlox offered. The plants are more compact than any other strain and the flowers are larger with more distinct eyes and the color range is unbelievable, every conceivable color in this popular flower is in this mixture. This strain is so free flowering that the entire plant is covered with blooms so numerous that the foliage is completely hidden. Especially recommended for pots. Grows 6 to 8 inches high. See illustration inside back cover.

Tr. pkt. 75c; ¼ oz. \$2.00; oz. \$7.00; ¼ lb. \$26.00.

Ⓜ TWINKLE, DWARF STAR MIXED

Now star-shaped Phlox is available in a good color range. The compact plant carries the flower well above the foliage. The mixture is warm and gay with pinks and red shades predominating. Its height of 6 to 7 inches makes it excellent for bedding. Tr. pkt. 75c; ½ oz. \$1.30; ¼ oz. \$2.35; oz. \$7.00.

Ⓜ Michell's Dwarf Beauty, Mixed

This fine strain of large-flowering dwarf Phlox is especially recommended for pot culture. The individual florets are large and this strain comes in a very fine mixture, including shades of light and dark blue. Very free blooming.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50; ¼ lb. \$16.00.

Grandiflora Gigantea, Art Shades

Flowers 1¼ to 1½ inches in diameter. In addition to its enormous flowers, it has a most wonderful range of color in soft art shades. Plants about 9 inches high. Choice mixture only.

Trade pkt. 45c; ¼ oz. \$1.10; oz. \$3.30.

Grandiflora, Tall

Choicest Mixed.

Trade pkt. 30c; ¼ oz. 80c; oz. \$2.40.

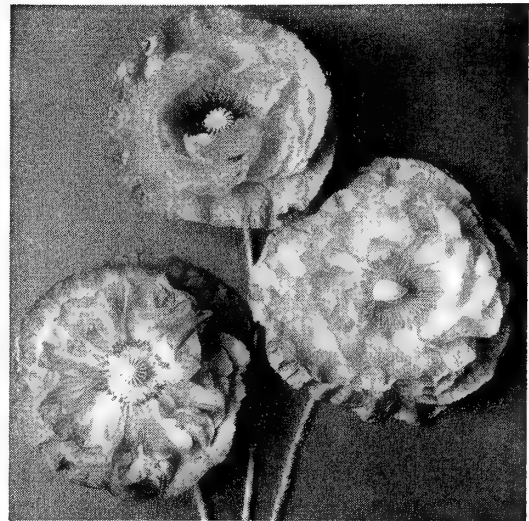
THE 12 BEST FOR BEDDING

Make sure you have some varieties of each of these 12 most popular items for bedding.

Alyssum	Marigolds	Snapdragons
Coleus	Petunias	Verbenas
Dahlias	Phlox	Vinca
Impatiens	Salvia	Zinnia

Ⓜ

Varieties preceded with this symbol are especially recommended.



DOUBLE SHIRLEY POPPY, Mixed

Poppy - PAPAVER

72,000 seeds per ounce.

SINGLE
Shirley, Mixed. Large flowers Oz. \$2.00 Tr. pkt. ¼ oz. \$0.20 \$0.65

DOUBLE
Improved Shirley, May Queen. An improved strain with large double flowers. Colors include white, pink, salmon, rose and red. Plants are freely branching, 2 to 3 ft. tall Oz. \$2.25 .25 .75



DOUBLE PORTULACA

Portulaca (MOSS ROSE)

280,000 seeds per ounce.

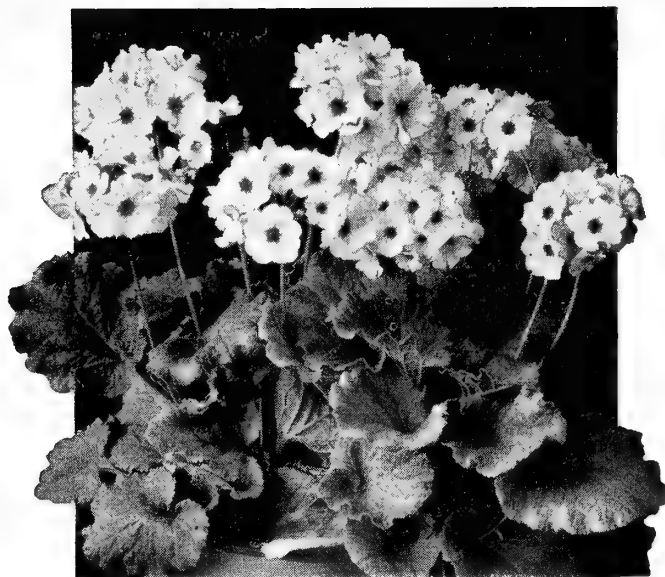
Ⓜ DOUBLE FLOWERING MIX

A popular item amongst bedding plant growers everywhere. Plants flower in the flats producing 80 to 90% double flowers in a wide range of colors. An excellent item for flat sales.

Tr. pkt. 30c; ¼ oz. \$1.25; oz. \$3.75.

Single Flowering Mixed Colors Trade pkt. ¼ oz. Oz.
\$0.25 \$0.70 \$2.35

Single Jewel. Flowers four times as large as the regular single varieties and of very unusual beauty. Color a brilliant deep rose-crimson.50 1.50 4.50



PRIMULA Obconica

Primula MALACOIDES

385,000 seeds per ounce.

- ④ **Glory of Riverside, Improved.** True rose-pink, a strong grower and without a doubt the most valuable variety for all purposes.
- ④ **Mrs. Eriksson of Riverside.** Large flowers of deep rose-red.
- ④ **New Giant Salmon-Rose.** Large flowers of light salmon-rose.
- White Giant (Pure White).** Large pure white flowers on strong stems; good for combinations.
- Malacoides Special Mixed.**

Each of the above, tr. pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.25.

GIANT OBCONICAS

128,000 seeds per ounce.

- ④ **Wyaston Wonder.** This type of *Primula obconica*, Wyaston Wonder, produces flowers of truly immense size. It is by far the largest-flowered variety in existence. The general growth of the plant is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage.

1/2 trade. pkt. 75c; trade pkt. \$1.25; 1/64 oz. \$2.75.

- ④ **Fasbender.** Very compact, with enormous deep crimson blooms.
- Mohnstein Kermesina.** Salmon-scarlet.

- ④ **Mueller.** (Berlin.) Deep rose-pink.

Mueller and Mohnstein, Mixed. Shades of pink and red.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

OBCONICA, SUPER-GIANT STRAINS

- ④ **Giant Blood-Red.** Rich deep ruby-crimson.
- Giant Crimson.** Deep crimson, slightly lighter than blood-red.
- ④ **Giant Rose Queen.** Brilliant rose-pink.
- Giant White.** Pure white.
- Sky Blue (Konigsee).** Light heavenly blue with yellow throat.
- Red Pearl.** Deep salmon-scarlet.

Giant Choice Mixed. A mixture of the above and other colors.

Each of the above, trade pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

FRINGED CHINESE VARIETY

18,000 seeds per ounce.

Mitchell's Prize Mixture. This mixture contains only the very finest sorts. Trade pkt. \$1.25; 1/32 oz. \$3.75.

Ricinus Communis

CASTOR OIL BEAN

Very effective plants on the lawn as centerpieces in beds of flowers such as Cannas, etc.

- ④ **Sanguineus.** Blood-red stalks. 8 ft.

Zanzibarensis. Large. Various colors. 12 ft.

Mixed. All sorts.

Each of the above, oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.



SALVIA, Fireball

Salvia

7,500 seeds per ounce.

NOTE: Sow late in February. A larger percentage of Salvia seed will germinate if sown after February 1 with plenty of bottom heat.

④ FIREBALL

An extra early, dwarf, compact Salvia about 6 inches tall, blooming 10 to 12 days earlier and growing about half the height of St. John's Fire. This variety is the finest of the dwarf Salvias. Exceptionally fine for pots or early blooming in flats. Tr. pkt. \$1.25; 1/8 oz. \$2.20; 1/4 oz. \$4.00; oz. \$12.00; 1/4 lb. \$40.00.

④ ST. JOHN'S FIRE

Blooms very early but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth and very uniform habit.

Tr. pkt. \$1.00; 1/8 oz. \$1.65; 1/4 oz. \$2.75; oz. \$9.00; 1/4 lb. \$30.00

	Tr. pkt.	1/4 oz.	Oz.
④ Harbinger (Firebrand). Between St. John's Fire and America in earliness of flowering. Height 1 1/2 ft. Blooms continuously			
..... 1/2 oz.	\$3.85;	1/4 lb. \$24.00;	\$0.85 2.25 7.25
④ America (Globe of Fire). Of dwarf, bushy, compact growth, about 1 1/2 feet high, uniform in height and shape		1/4 lb. \$20.00	.65 2.00 6.00
④ Bonfire. A new and improved strain. Shorter and more floriferous. Flowers 10 to 14 days earlier than regular strain. Compact growth. Medium tall, 24 inches		1/4 lb. \$17.50	.65 1.50 5.25
Splendens. The old-fashioned tall variety with bright scarlet flowers		1/4 lb. \$15.00	.50 1.40 4.50

BLUE VARIETIES

The following varieties, while perennials, are best treated as annuals, and will flower very profusely during the summer months from seed sown in the spring.

	Trade pkt.	Oz.
Blue Bedder. A variety of Farinacea. Deep blue shade. Flowers from seed first year.	1/4 oz. \$1.25;	\$0.50 4.00
④ Royal Blue. An improved strain of Farinacea. Deep blue flowers. We highly recommend this new blue Salvia		1/4 oz. \$1.50; .50 5.00

Plants That Will Grow In the Shade

Alyssum	Tuberous Begonia	Pansies
Coleus	Gloxinias	Salvia
Exacum	Impatiens	Torenia
Fibrous Begonia	Lobelia	Caladiums



SALPIGLOSSIS

Salpiglossis PAINTED TONGUE

125,000 seeds per ounce.

Easily grown and useful summer-flowering annuals; also suitable for greenhouse forcing. Very showy flowers, excellent for cutting.

- Ⓜ **Emperor, Mixed.** Choice selection of large-flowering sorts. Tr. pkt. 25c; ¼ oz. 60c; oz. \$1.80.

Scabiosa

TALL DOUBLE ANNUAL

3,500 seeds per ounce.

30 to 36 inches

- Ⓜ **Blue Moon.** Deep lavender-blue.
Loveliness. Large flowered salmon-pink.
Peach Blossom. Attractive light rose.
Salmon Beauty. Pure salmon.
Ⓜ **Shasta Improved.** Enormous pure white.
Ⓜ **Imperial Giants Mixed.**

Each of the above: Tr. pkt. 30c; ¼ oz. 75c; oz. \$2.25.

Giant Flowering Hybrids, Mixed.

Tr. pkt. 25c; ¼ oz. 75c; oz. \$2.25.

Schizanthus

BUTTERFLY FLOWER

50,000 seeds per ounce.

Tr. pkt. ⅛ oz. ¼ oz.

- Ⓜ **Canada Giants.** An extra-select, large-flowered, compact greenhouse strain in splendid mixture. .085 \$2.25 \$4.00
Dwarf Large-Flowering. A compact-growing variety and very free flowering. Excellent for pots. Mixture of popular shades. .60 1.80 3.25
Wisetonensis. Various colors. Fine for pots .60 1.35 2.20

Shamrock

38,000 seeds per ounce.

Shamrock seed should be sown January 1 for 2-inch plants for St. Patrick's Day. Use 3 or 4 seedlings to a pot and grow in a carnation-house temperature.

True Irish Tr. pkt. 25c; ¼ oz. 35c; oz. \$1.20; ¼ lb. \$3.60.

Statice Sinuata

EVERLASTING FLOWER

375 seed heads per ounce.

Free-flowering, valuable for cutting or decoration, either when fresh or in their dried state.

- Ⓜ **Heavenly Blue.** A bright clear sky-blue the color of Heavenly Blue Morning Glory. Sure to be popular, this new color provides a welcome relief from the standard prevailing Statice colors of lavender and dark blue.

Market-Grower's Blue.

Kampf's Tall Improved. Deepest blue. Early flowering.

- Ⓜ **Sinuata, True Blue.**

Lavender.

Ⓜ **White.**

- Ⓜ **Pastel Shades Mixed.**

Yellow (S. Bonduelli).

Rosea superba.

Mixed.

Each of the above: Tr. pkt. 25c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50.

Suworowi. Russian or Rat Tail. Flowers bright rose color.

Tr. pkt. 30c; ¼ oz. \$1.00; oz. \$3.00.



SCABIOSA GIANT HYBRIDS MIXED

Solanum

9,000 seeds per ounce.

Trade pkt. ¼ oz. Oz.

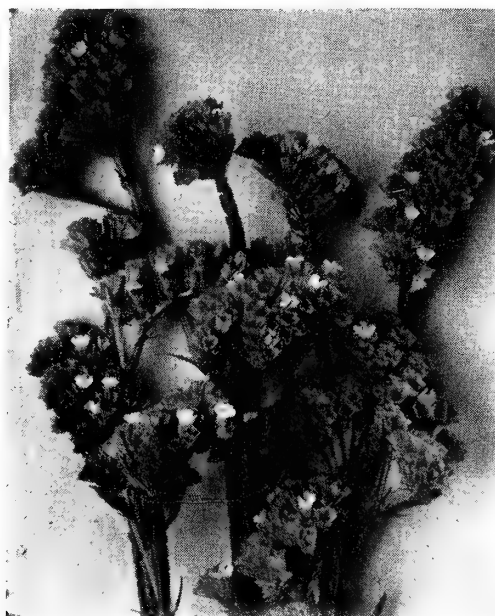
- Ⓜ **Ball Christmas Pepper.** Plants are compact with cone-shaped fruit. Colors changing through green, purple, and red \$0.50 1.50 4.75

Cleveland Cherry (Hlavacek's Masterpiece). Grows compact and produces scarlet berries in great profusion50 1.50 4.75

Red Fangs. (New.) Dwarf compact plants with one inch slender fruits that change color from green directly to red50 1.50 4.75

- Ⓜ **Solanum Craigi Christmas Pepper.** Plants are compact with small leaves. Fruit stands above the foliage. Colors range from white to brilliant red. .50 1.50 4.75

Ⓜ Varieties preceded with this symbol are especially recommended.



STATICE SINUATA, Heavenly Blue

Ⓜ Recommended varieties.

F Hybrids are followed by Ⓜ.
2,000 seeds per trade packet.

WHITE

Tr. Pkt.

- Albion**Ⓜ (Yoder Bros.) A pure white, larger spiked than White Knight, although 10-14 days later \$3.50
- Apollo**Ⓜ (Yoder Bros.) Ivory-white with a yellow lip 3.50
- Ⓜ **Citation**Ⓜ (Yoder Bros.) An early ivory-white with clean, firm stems and long spikes 3.50
- Delaware**Ⓜ New. Ivory-white. Color of Citation. Floret is larger, stems heavier with longer spikes. Shatterproof 3.50
- Jet Pilot**Ⓜ (Yoder Bros.) Medium early pure white 3.50
- Ⓜ **Margaret** (J. S. Yoder.) A clean growing winter blooming ivory-white 2.00
- Maryland White Improved**Ⓜ (Winkler.) A mid-winter pure white ½ tr. pkt. \$2.00.. 3.50
- Ohio**Ⓜ New. Paper-white. Florets are compactly spaced and shatterproof 3.50
- Rockwood's Hybrid White No. 5**Ⓜ Fall and early winter blooming white 3.50
- Ⓜ **Snowman**Ⓜ A pure white with no suggestion of ivory 3.50
- Ⓜ **Spartan White**Ⓜ (Michigan State College.) Clean growing pure white, a good producer 3.00
- Ⓜ **Twenty Grand**Ⓜ (Yoder Bros.) Medium winter flowering ivory-white, a good keeper 3.50
- Virginia**Ⓜ New. Paper-white. Long spikes, clean stems, shatterproof florets. More vigorous and productive than June Bride and Potomac White 3.50
- Ⓜ **White Knight Hybrid**Ⓜ An early pure white 3.50

YELLOW

- Broker's Tip**Ⓜ A deep yellow with medium sized florets. Clean grower 3.50
- Colorado**Ⓜ New. Large golden yellow. Shatterproof. Color of Brokers Tip. More uniform and vigorous 3.50
- Ethel**. Winter blooming medium yellow 1.50
- Ⓜ **Gold Mine**Ⓜ (Pan American.) Early deep gold-yellow, slightly fringed ½ tr. pkt. \$1.75.. 3.00
- Ⓜ **Golden Spike**Ⓜ A rich golden yellow with long stems and flower spikes 3.50
- Gold Rush**Ⓜ (Winkler.) Large flowering medium yellow. ½ tr. pkt. \$2.00.. 3.50
- Nevada**Ⓜ New. Bright yellow. Two weeks earlier than Colorado. Very uniform and vigorous. 3.50
- Ⓜ **Patricia**Ⓜ (J. S. Yoder.) A rich yellow with full deep yellow lower lip. Recommended for winter blooming and cloth house culture ½ tr. pkt. \$2.00.. 3.50
- Rockwood's Hybrid Yellow No. 10**Ⓜ A deep yellow 3.50
- Rockwood's Winter Yellow**. A deep yellow 3.50
- Swaps**Ⓜ (Yoder Bros.) New winter flowering yellow. Earlier than War Admiral. Tolerant of low temperature. Optimum 46° 3.50
- Vermont**Ⓜ New. Primrose-yellow. An entirely new color. Stems are hard, clean and uniform. Highly versatile color 3.50
- Ⓜ **War Admiral**Ⓜ (Yoder Bros.) An excellent winter flowering yellow hybrid 3.50

BRONZE

- Ⓜ **Barbara**Ⓜ (J. S. Yoder.) Early large bronze with pink throat and bright bronze lip ½ tr. pkt. \$2.00.. 3.50
- Ⓜ **Cavalcade**Ⓜ (Yoder Bros.) Lively golden bronze 3.50
- Gallant Fox**Ⓜ (Yoder Bros.) An early deep orange-bronze similar to Lady Dorothy 3.50
- Kansas**Ⓜ New. Golden bronze with long spikes and strong stems 3.50
- Maryland Orange**Ⓜ (Winkler.) A tall vigorous midseason orange-bronze, lighter than Barbara 3.50
- Talisman**. (Windmiller.) Double. Early and continuous bronze, true to type and color 2.00

LIGHT PINK

Tr. Pkt.

- Chevy Chase Pink**Ⓜ (Winkler.) A pastel pink a shade darker than Maryland Pink. Shatter-proof ½ tr. pkt. \$2.00.. \$3.50
- Christina**Ⓜ (J. S. Yoder.) Popular light rose-pink 3.50
- Hercules**Ⓜ Good light pink for spring cut, similar to Christina 3.50
- Indiana**Ⓜ New. Light rose-pink. Vigorous plants with long tapered spikes 3.50
- Kentucky**Ⓜ Appleblossom-pink. Lighter than Potomac Pink. Shatterproof. Extremely large spike 3.50
- Ⓜ **Mary Ellen**Ⓜ (J. S. Yoder.) A light rose-pink similar to Rosebud. Clean growing with long flower spikes 2.50
- Maryland Pink Improved**Ⓜ (Winkler.) Mid-winter pastel pink ½ tr. pkt. \$2.00.. 3.50
- Nashua**Ⓜ (Yoder Bros.) New light rose-pink. Ten days to two weeks earlier than Rosebud. Recommended for January through March. Optimum temperature 46° 3.50
- Ⓜ **Native Dancer**Ⓜ (Yoder Bros.) Light pink, similar to Christina. Clean grower 3.50
- New York**Ⓜ New. Light pink with a touch of yellow on lower lip. Spike is large and compact. Shatterproof 3.50
- Ⓜ **Rebecca**Ⓜ (J. S. Yoder.) New. Medium pink similar to Christina, however earlier and more vigorous 3.50
- Rockwood's Early Hybrid Pink**Ⓜ Pastel pink 3.50
- Ⓜ **Rosebud**Ⓜ (Yoder Bros.) Soft pastel pink, a shade lighter than Christina. Recommended for December through April 3.50
- Ⓜ **Top Flight**Ⓜ (Yoder Bros.) Light pink similar to Christina, but earlier 3.50
- Trilbee Pink**Ⓜ (Windmiller.) Rich pastel pink, recommended grown single stem for mid-January 3.50
- Whirlaway**Ⓜ (Yoder Bros.) Light pink with a yellow lip 3.50
- Wintergreen**Ⓜ (Yoder Bros.) A clean growing bright rose-pink 3.50

DARKER PINK and ROSE

- Ⓜ **Anne Marie**Ⓜ (J. S. Yoder.) A clean medium pink for late flowering 3.50
- Better Times**Ⓜ (Windmiller.) Mid-winter blooming cerise-rose, darker than Christmas Cheer 2.00
- Christmas Cheer**Ⓜ (Windmiller.) Extra early rose-pink, recommended for pinched crop ½ tr. pkt. \$1.75.. 3.00
- Ⓜ **Libby**Ⓜ (J. S. Yoder.) Dark rose-pink. Flowers after Mary Ellen ½ tr. pkt. \$2.00.. 3.50
- Ⓜ **Maryland Flamingo**Ⓜ A new color. Bright salmon-rose. Shatter resistant 3.50
- Ⓜ **New Times**Ⓜ (Pan American.) Bright deep rose, medium long spikes with clean, firm stems 3.00
- Pamela Pink**Ⓜ (Gilbert.) Early winter flowering medium pink. ½ tr. pkt. \$1.75.. 3.00
- Pensive**Ⓜ (Yoder Bros.) A dark pink, coming in after Christmas Cheer. Strong, clean stems 3.50
- Rowena**Ⓜ (Yoder Bros.) A light rose-pink with medium to long spikes 3.50
- Spartan Rose**Ⓜ (Michigan State College.) Medium deep rose with long heavy spikes 3.00
- Wisconsin**Ⓜ New. Deep rose-pink. Long tapering spikes with hard stems 3.50

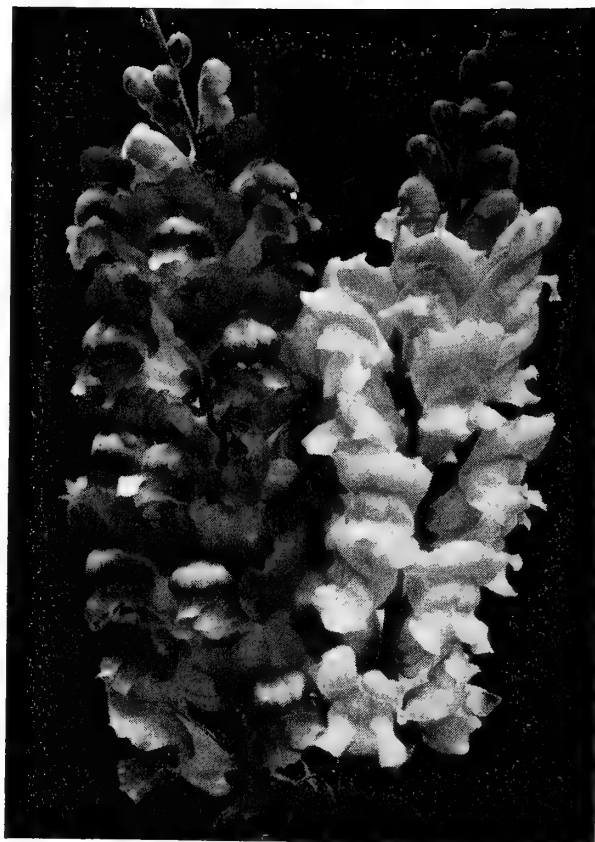
For All Seasons of the Year

CRIMSON and RED

	Tr. pkt.
Commando ® (Yoder Bros.) A good red Hybrid Snap	\$3.50
⑩ Cherokee ® A good scarlet-red with a yellow lip. Winter or spring flowering	3.50
Man-O-War ® (Yoder Bros.) A copper-red with a yellow lip, earlier than Navajo. Recommended for mid-winter	3.50
Maryland Red ® (Winkler.) An early bright red, slightly lighter than Navajo	3.50
⑩ Navajo ® A good red, florets of large size on extra long spikes.	3.50
Priscilla Ann ® (J. S. Yoder.) A velvety crimson with a yellow lip	½ tr. pkt. \$2.00 3.50
Red Wing ® (Pan American.) Deep velvety red	3.00
⑩ Rockwood's Hybrid Red No. 15 ® An early dark red	3.50
Tennessee ® New. Deep true red. Uniform with long tapering compact spikes. Shatterproof	3.50

LAVENDER and LILAC

⑩ Bold Venture ® (Yoder Bros.) A rich lavender, early and uniform with a hard stem	3.50
Maine ® New. Rich violet-lavender. An improved Bold Venture. Larger florets and stronger stem	3.50
Windmill's Lilac . Excellent orchid, true to type and color. Hard, clean grower	2.00
⑩ Lavender Lady ® Deep lavender. Strong stems and spikes ...	3.50



Man-O-War and Patricia

Summer Flowering Snaps

Many commercial growers are becoming aware of the fact that summer Snaps are a very profitable crop. The bench time that is involved will vary from 9 to 14 weeks depending on the time of the year. The crop is grown single stem at a 4x4 spacing with NO SHADE ON THE GLASS. In the early spring a minimum temperature of 60° should be maintained. The following schedule is recommended. For additional cultural information see next page.

SOW	February 3	April 6	May 18	June 15
BENCH	March 9	May 4	June 15	July 13
FLOWER	June 15	July 13	August 17	September 14

WHITE

	Tr. pkt.
Potomac White ® Summer flowering only	\$3.50
Rockwood's Crystal White No. 2 . A reselected strain a few days earlier than the original	3.50
⑩ Crystal White . (Yoder Strain A.) New. Taller and more uniform than Rockwood Crystal White. Spike is compact and shatter resistant	3.50
⑩ White Skies ® (Yoder Bros.) New. A summer White Knight that is shatterproof, tall, and vigorous. Produces a high percentage of long spikes with long tapering tip-buds	3.50

YELLOW

Potomac Yellow ® (Winkler.) Golden yellow for summer flowering	3.50
Rockwood's Hybrid Yellow No. 11 . A new bright yellow for late spring, early fall flowering	3.50
⑩ Dark Star ® (Yoder Bros.) New. Has good uniformity and vigor. Five to seven days earlier than Rockwood's Summer Yellow. Shatter resistant	3.50

RED

⑩ Rockwood's Summer Red . Late spring and summer only	3.00
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PINK

	Tr. pkt.
Florida ® New. Light pink companion of Gaytime. Highly shatterproof. Outstanding summer hybrid	\$3.50
⑩ Gay Time ® (Yoder Bros.) New. A vigorous and uniform variety 7 to 14 days earlier than Rockwood's Summer Pink	3.50
Potomac Pink ® (Winkler.) Good summer flowering pink	3.50
Rockwood's Summer Pink No. 2 . A light shade of pink. A few days earlier than No. 1	3.50
Rockwood's Pink Supreme . Dark pink	2.00
⑩ Summer Jewel ® (Yoder Bros.) New. The variety is darker than Rockwood's Summer Pink. Has good vigor, uniformity, stem strength, and spike length. Shatterproof	3.50

BRONZE

⑩ Rockwood's Summer Bronze . For summer cut only	3.00
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LAVENDER

Arizona ® New. Summer flowering lavender hybrid. Vigorous, uniform, long spiked plants.....	3.50
Rockwood's Lavender Rose . Early lavender and rose	3.50

SNAP Flowering Chart on page 31.

Tips on Forcing Snapdragons

The profitable year around production of Snapdragons is the result of the new hybrid varieties that have been developed, plus the time and labor saving single stem method of production. Snaps can now be timed and grown the year around, the same as Mums. Many of the present winter flowering varieties are at their peak when used in the spring program. Conversely, many of the spring varieties can be used in the winter program if the higher temperatures and longer timing conditions are provided. The summer varieties require the high temperatures for maximum performance. The following are a few of the important factors to be considered when planning your Snap crop.

SOIL

Snaps, like most greenhouse crops, grow best in a well drained soil with a good amount of organic matter in it. The amount of organic matter varies with the type of soil, heavy clay soils needing more than light, sandy types. Add enough well rotted manure or peat moss so that water will easily leach through the bench. Usually about 1 part organic matter to 3 parts soil will be sufficient. Heavy clay soil may require some sand to insure good drainage. Add 20% superphosphate (3 lbs./100 sq. ft.) or treble-superphosphate 0-45-0 (1½ lbs./100 sq. ft.) before steaming. Additional fertilizer should be added as the soil test indicates. During growth soil tests should read:

Nitrates 20-25 ppm
Phos. 5-7 ppm
Pott. 20-25 ppm

Sol. Salts. Reading below 70
(Sol-Bridge)
PH 5.5-7.0

SEED GERMINATION

Our experience indicates that there are many methods of germinating Snap seeds. They vary in technique but agree on these basic principles:

● Good Drainage:

Any medium that is low in fertility and drains well can be used. Some of the more popular ones are: peat, peat and sand, vermiculite, or a peat, sand and soil mixture.

● Proper temperature and good air movement around seedlings:

Temperature of 60-65 degrees F until well sprouted, then cooler temperature and plenty of air. Some use a fan for air circulation. Sowing thinly helps. Seeds may be broadcast or sown in rows and should have no additional soil covering. The latter method of sowing in rows is most preferred as it provides better control for "damping off" organisms plus good aeration for the plants.

● Maintain a high humidity around ungerminated seeds. Flats may be covered with polyethylene, glass, etc. to keep the humidity high around the seeds. A polyethylene sleeve is being used by many growers with excellent results. The flat is completely covered until seeds sprout. Covering must be removed before seed leaf appears to prevent rotting or damping off. Water them in with mist and then use one of the methods mentioned above to reduce evaporation. Seed should germinate within 7 to 10 days. Be sure to watch them and raise cover as soon as sprouting starts.

● Most important! Proper Sanitation:

Sterilize all seed flats, soil, tools and watering devices. Keeping benches clean will eliminate much of the damping off problems.

Provide these essentials with any method and the end result is the same—good germination.

STERILIZING — High Salts

We highly recommend steam sterilization before each new crop. 180 degrees F for 30 minutes will do the job. This will eliminate soil borne diseases, weed seeds, and insects that cut down on production and quality. Try to keep nutrient levels on the low side at the very end of the preceding crop and much of the "after steaming" problems can be controlled. Thorough loading with clear water (3/5 gal./sq. ft.) right after steaming will help to reduce the high soluble salts. Apply enough so that it will leach out the excess salts that tend to accumulate near the surface.

BENCHING

Direct benching is the most economical since it reduces labor, saves time, and prevents hardening of plants. During the hot summer months the soil should be moist at the time of planting and the plants misted frequently until new root growth is started. The recommended spacings are 4 x 4, 4 x 5 or 3 x 6 during the winter months, with a 3 x 5 spacing for summer crops. The recommended spacing for pinched crops is 6 x 8. If the crop is to be pinched, it is best to wait until plants have been benched and taken hold. Usually three pairs of leaves are left after the pinch. For best results do not pinch summer Snaps.

TEMPERATURE — LIGHTS

Two big factors in Snap growing and timing are temperature and light intensity. Most Snap schedules, like the one on next page are based on 50 degree F night temperature with raised benches. When lower temperatures and/or ground benches are used, flowering is delayed. During periods of cloudy weather, day temperatures should be reduced and raised again as bright weather returns. The following temperatures are a good guide:

Nights
50 degrees F

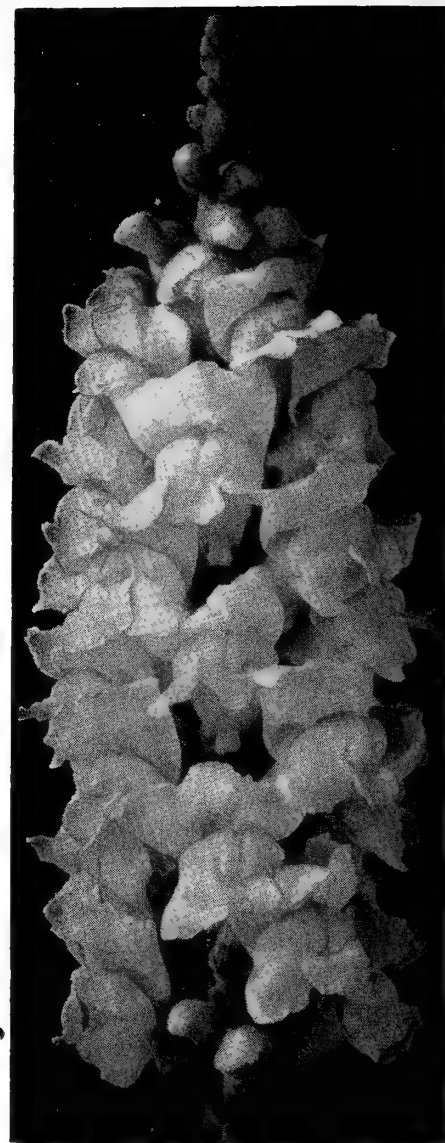
Sunny Days
55-60 degrees F

Cloudy Days
50-52 degrees F

Glass should not be shaded for Summer Snaps—these varieties are bred to produce satisfactorily under this high light period. Many growers are cooling summer crops with very good results.

SOWING SCHEDULES

Recommended varieties for different seasons and schedules can be found on the next page. The schedules will vary because of local and regional conditions. Due to this fluctuation, these schedules are approximations and may vary as much as two weeks. Keeping your own records will help determine sowing dates for your particular requirements. Our representative in your area will be glad to recommend varieties to fit your particular needs and assist you in your crop planning.



Citation

Snap Flowering Chart

May 15 - June 30						
WHITE	YELLOW	BRONZE	LIGHT PINK	DARK PINK	RED	LAVENDER
Delaware Potomac White Rockwood Crystal White No. 2. Virginia	Colorado Nevada Potomac Yellow Rockwood Sum- mer Yellow No. 11	Kansas Rockwood Sum- mer Orange	Kentucky Potomac Pink Rockwood Pink No. 2	Rockwood Pink Supreme	Rockwood Sum- mer Red Tennessee	
June 30 - September 15						
Crystal White Yoder Rockwood Crystal White No. 2	Dark Star	Rockwood Sum- mer Orange	Florida Rockwood Sum- mer Pink No. 2	Gaytime Summer Jewel	Rockwood Sum- mer Red	Arizona Rockwood Laven- der Rose
September 15 - November 1						
Delaware Potomac White Virginia	Colorado Nevada Potomac Rockwood Hybrid Yellow No. 11	Kansas	Kentucky Potomac Pink		Tennessee	
November 1 - December 1						
Albion Apollo Rockwood Hybrid White No. 5 Twenty Grand	Rockwood Hybrid Yellow No. 10 Swaps	Talisman	Native Dancer Rockwood Early Hybrid Pink Top Flight	Anne Marie Md. Flamingo Spartan Rose	Cherokee Rockwood Hybrid Red No. 15	
December 1 - February 15						
Albion Citation Spartan White Ohio White Knight	Swaps Ethel War Admiral Vermont	Cavalcade Gallant Fox	Nashua Rosebud Trilbee Pink Wintergreen Whirlaway Rebecca New York Top Flight	Christmas Cheer Libby New Times Pamela Pink Spartan Rose Md. Flamingo Wisconsin	Cherokee Red Wing	Maine
February 15 - April 1						
Albion Apollo Citation Margaret Md. White Imp. Ohio Snowman Spartan White Twenty Grand White Knight	Broker's Tip Gold Mine Gold Rush Patricia Rockwood Winter Yellow Swaps Vermont War Admiral	Barbara Cavalcade Gallant Fox Md. Orange	Chevy Chase Christina Hercules Indiana Mary Ellen Md. Pink Imp. Nashua New York Rebecca Rosebud Top Flight Whirlaway Wintergreen	Better Times Libby Md. Flamingo Spartan Rose Wisconsin	Md. Red Navajo Priscilla Ann	Lavender Lady Maine Windmiller's Lilac
April 1 - May 15						
Albion Apollo Delaware Margaret Md. White Imp. Ohio Spartan White Twenty Grand	Broker's Tip Golden Spike Colorado Nevada Patricia Rockwood Winter Yellow Vermont	Kansas	Hercules Indiana Kentucky Native Dancer New York	Anne Marie Wisconsin	Navajo Tennessee	Lavender Lady Maine

Sowing Dates

The following schedules are subject to changes due to local and regional conditions.

Single Stem Method

This method becomes more popular every year, the main reason being that it flowers two to three weeks sooner than the pinched crops.

Sow	Flower
July 10	October 15
July 25	November 15
August 5	December 15
August 15	January 15
September 5	February 15
September 20	March 15
October 20	April 15
December 20	May 15
February 5	June 15
April 1	July 15
May 10	August 15
June 10	September 15

Pinched Crops

Plants should be benched and be six to eight inches in height before pinching. Pinch to leave three pairs of leaves.

Sow	Flower
July 20	Mid-December
August 1	Mid-January
August 20	Mid-February
September 5	Early March
September 25	Early April
November 20	Mid-May

Approximate number of plants required for various spacings.

Method of Culture	Plants per 100 sq. ft. of bench space
Single Stem	800 plants
Single Stem	570 plants
Pinched Crop	300 plants
Pinched Crop	260 plants

Michell's Outdoor Snapdragons

180,000 seeds per ounce.

® ROCKET SNAPDRAGONS

All-America Selection 1960

The finest F₁ Hybrid garden Snapdragon ever offered. Comparable to the best of the greenhouse forcing types. Plants are base branching, 2½ to 3 feet high, with long tapering compact spikes. Seed should be sown early February. 60 degrees, hardened at 50 degrees and planted out after danger of heavy frost is past. Should be a "must" for every progressive bedding plant grower.

Red Rocket
Rose Rocket
Bronze Rocket

Golden Rocket
Orchid Rocket
White Rocket

Rocket Mixed

Price each of the above:

½ tr. pkt. \$1.55; tr. pkt. (1/128 oz.) \$3.00; 1/64 oz. \$5.70;
1/32 oz. \$10.80; 1/16 oz. \$20.00; 1/8 oz. \$39.00; 1/4 oz. \$74.00.



GIANT RUFFLED TETRA

GIANT RUFFLED TETRA

Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled.

Candlelight. Bright yellow with large florets on long spikes.

Orchid. Orchid-purple with a yellow blotch.

Pink Shades. Various shades ranging from light to deep rose-pink.

Sunset Giants. Attractive color range of primrose, pink and bronze.

White. Long spikes changing from creamy white to pure white.

Each of the above: Tr. pkt. 60c; 1/8 oz. \$1.50; 1/4 oz. \$2.75; oz. \$8.25.

Choice Mixture. Tr. pkt. 50c; 1/8 oz. \$1.25; 1/4 oz. \$2.25; oz. \$6.75.

RUST RESISTANT VARIETIES

Plants are medium tall with strong flower spikes, large florets, evenly spiked. Excellent for cutting.

Canary Bird. Brilliant canary-yellow.

Copper King. Bronze or copper-scarlet. Fine variety.

Crimson. Color pure crimson, overlaying a ground of orange.

Daffodil. Two-toned daffodil-yellow.

Loveliness. Most attractive pure rose-pink.

Michell's Cherry Queen. Brilliant cerise-rose.

® **Rosalie.** Deep rich rose; tube and lip the same color.

Shasta (Alaska). Pure white. Very early.

® **Velvet Giant.** Deep crimson illumined with undertone of orange-bronze.

® **University of California Mixture.**

All above varieties: Tr. pkt. 45c; 1/4 oz. \$1.25; oz. \$3.75.

DWARF VARIETIES

Cannonier. A bright flame-red Snap. Ideal for bedding. Semi-dwarf plants about 8 inches tall. A very striking novelty Snap.

Tr. pkt. 60c; 1/4 oz. \$1.50; oz. \$5.00.

® **Magic Carpet.** A distinct and very dwarf type. Compact and free flowering. Suitable for rockery or borders. We offer a fine mixture of many colors. 4 to 6 inches.

Tr. pkt. 50c; 1/8 oz. 85c; 1/4 oz. \$1.50.

® **Tom Thumb.** A very popular dwarf upright type. Base branching and very free flowering. Excellent for pots or borders. Choice mixture. 6 to 8 inches.

Tr. pkt. 40c; 1/4 oz. 85c; oz. \$3.00.

SUPER MAJESTIC

A medium tall class of base branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.

Superb Super Majestic Mixture.

Tr. pkt. 50c; 1/4 oz. \$1.00; oz. \$3.50.



PANORAMA

F-2 VARIETIES

® PANORAMA F-2 SNAPDRAGONS

Panorama Formula Mixed. An outstanding blended mix of colors including carmine-red, rose, lavender, yellow and white. Second only to the Rocket varieties in size and vigor. Lower F₂ production costs result in lower prices. A fine bedding plant 3½-4 ft.

Tr. pkt. 60c; 1/4 oz. \$3.00; oz. \$9.00.

® **Mardi Gras.** An F₂ mixture with an extremely wide color range and extra vigor; florets are closely placed on long blooming stems. Plants are uniform in habit and will produce early blooms.

Tr. pkt. 60c; 1/4 oz. \$1.50; oz. \$5.00.



Distinctive STOCKS

16,000 seeds per ounce.

Stocks are easily grown and profitable. The soil and benches should be thoroughly sterilized before planting the crop. The method of sowing the seed directly into the bench and later thinning out or transplanting to flats are both employed successfully. Seedlings can be started in October and follow through for succession crops up to about February 15. Sowing made after this date has a tendency to become blind. A 3x6 spacing with night temperatures of 50° maximum will insure production of high quality flowers.

GIANT COLUMN, NON-BRANCHING

This type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together.

LAVENDER, BLUE and PURPLE

Ⓜ **Silver Lilac.** (Ball No. 1.) Lilac-lavender.

Ball Blue No. 3. Rich dark lilac-blue.

Ⓜ **Purple Heart No. 21.** New brilliant violet-purple; large flowering; long stemmed.

PINK, ROSE and RED

Pacific Pink. This is the first pure true pink Stock developed. Does well under artificial lights. Excellent for spring flowering.

Ⓜ **Ball Pink No. 11.** Fine clear rose-pink.

Ball Rose-Pink No. 14. Deeper than No. 11. Strong grower.

Ⓜ **Ball Supreme No. 22.** Fine heavy spikes of rich silvery rose.

Chamois Pink. (Ball No. 9.) Chamois-pink.

Illusion. (Ball Ruby.) Scarlet-red.

WHITE

Ⓜ **White Giant.** A new and outstanding white non-branching Stock a week or ten days earlier. The extra large florets are a pure glistening white on a tremendous flower spike.

Avalanche is definitely the earliest of all White Column Stocks. The flower spike is particularly long and massive with very double individual florets.

Ball White No. 2. Long-stemmed white, slight pink blush.

Ⓜ **Ball White No. 16.** Pure white, semi-tall, compact grower.

Gardenia. Shimmering glistening white.

MISCELLANEOUS VARIETIES

Ⓜ **Ball Apricot No. 20.** A strong growing buff with a faint pink tinge.

Yellow Wonder (Gold Standard). The color is rich creamy yellow.

Florist Mixture.

Each of the above: 1/2 tr. pkt. 75c; tr. pkt. \$1.25; 1/4 oz. \$2.75; oz. \$10.00.

TRYSONIC GIANT IMPERIAL BRANCHING TYPE

The Trysonic Stock offered produces 85% or more double flowering plants when sown from seed. In addition to this desirable trait, the percentage of any planting can be increased up to 100% at the four-leaf seedling stage as at this period of growth the young singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

Ⓜ **Bright Rose**

Ⓜ **Fiery Red**

Ⓜ **White**

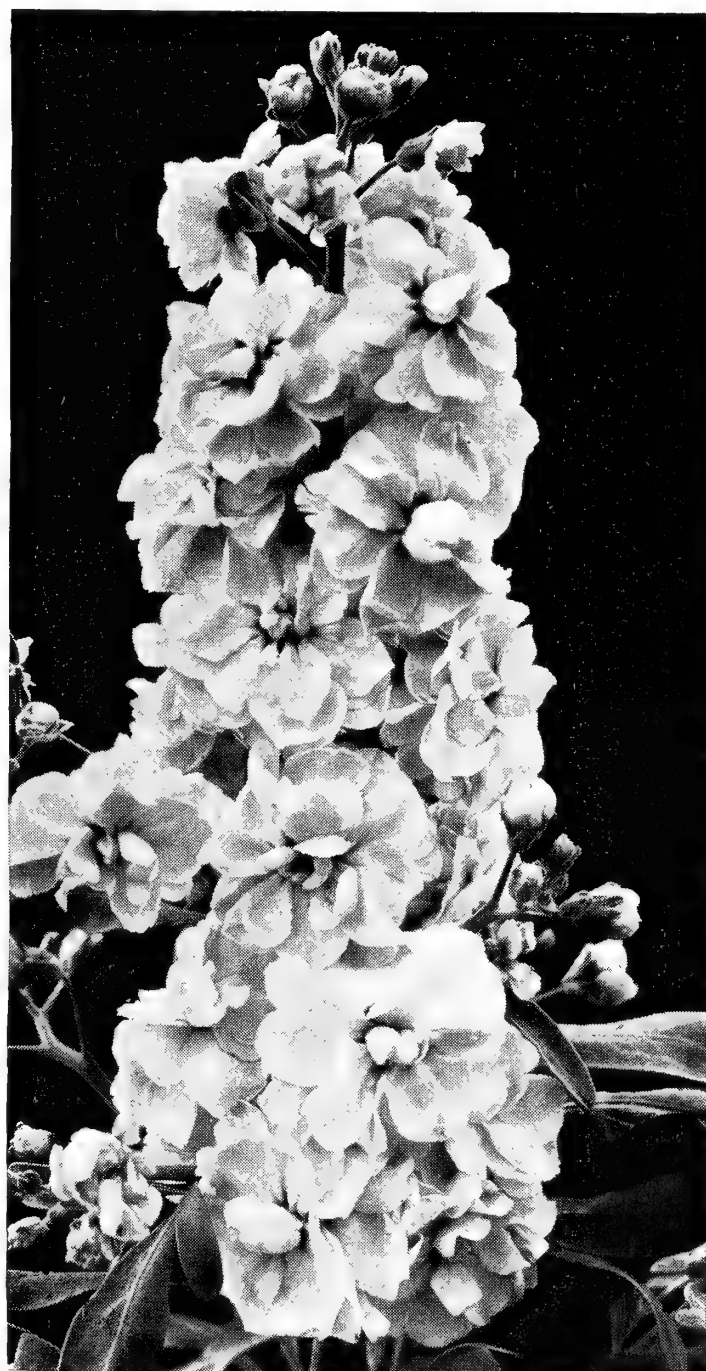
Ⓜ **Lilac-Lavender**

Ⓜ **Salmon-Pink**

Ⓜ **Azure-Blue**

Choice Mixed

Each of the above: 1/2 tr. pkt. \$1.00; tr. pkt. \$1.75;
1/8 oz. \$2.90; 1/4 oz. \$5.00; oz. \$18.00.



STOCK, Giant Column

Ⓜ TRYSONIC 7 WEEK MIXED

An excellent early strain of high-double Stocks 12 to 18 inches tall. A very good garden item, blooming during the hottest summer months. Complete color range.

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/8 oz. \$2.90; 1/4 oz. \$5.00.

Ⓜ
Varieties preceded with this symbol are especially recommended.

STOCKS



BISMARCK IMPROVED

EARLY GIANT IMPROVED BISMARCK

An especially good class of branching habit. Very early bloomer producing a very high percentage of doubles. Suitable for greenhouse culture or growing out-of-doors. Height 2½ ft.

Canary-Yellow (Golden Ball). Lilac.
Chamois. Ivory, tinted old-rose. Rose-Pink.
Elk's Pride. Intense royal purple. White.
Fiery Blood-Red. Extra fine. Mixed Colors.

Each of the above: ½ tr. pkt. 30c; tr. pkt. 50c; ¼ oz. \$1.25; oz. \$4.00.



DWARF TEN WEEKS

EARLY-FLOWERING "NICE"

Choice Mixed. All colors.

½ trade pkt. 30c; trade pkt. 50c; oz. \$2.25.

LARGE-FLOWERING DWARF TEN WEEKS

For bedding there is nothing more effective. Dwarf, compact plants with fine spikes and producing a large percentage of double flowers.

Blood-Red. Pink. Yellow.
Dark Blue. White. Mixed.
Light Blue.

Each of the above: ½ tr. pkt. 25c; tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

Streptocarpus

750,000 seeds per ounce.

"WIESMOOR" HYBRIDS

Result of 20 years breeding. The formula mixture contains 18 distinct colors and bicolors, veined and blotched designs. Very free blooming. Seedlings of 6 to 8 months produce 15 to 25 wiry stems at a time, each bearing several flowers (many fours). Flowers very large, most daintily fringed and waved.

This excellent new Streptocarpus requires a temperature of 55 to 60 degrees to develop excellent pot plants, also most attractive Orchid-like cut flowers. Originator importers trade pkts. \$1.25; 3 pkts. \$3.25.



THUNBERGIA

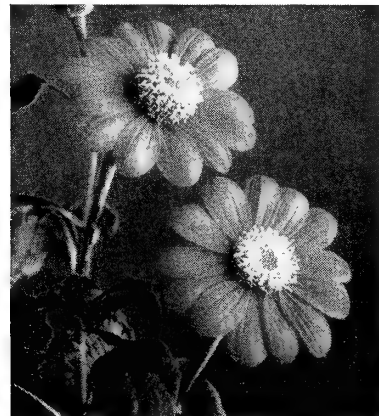
Thunbergia

BLACK-EYED SUSAN

1,200 seeds per ounce.

A very useful vine for baskets, vases, etc.

	Tr. pkt.	¼ oz.	Oz.
Mixed	\$0.35	\$0.60	\$1.80



TITHONIA, Torch

Tithonia

3,500 seeds per ounce.

Trade pkt. Oz.

® **TORCH.** Brilliant orange-scarlet, 4 inch cut flower. Compact plant growing 4 to 4½ feet high. Very resistant to heat and diseases

	¼ oz.	\$0.40	\$4.50
.....			

Torenia

375,000 seeds per ounce.

Excellent for bedding, also for baskets, window boxes, etc.

	Tr. pkt.	¼ oz.	¼ oz.
Fournieri compacta. Dwarf. Blue. 8 in.	\$0.50	\$1.25	\$2.25
Fournieri grandiflora. Blue .....	.50	1.25	2.25



SWEET PEAS

350 seeds per ounce.

Winter-Flowering Giant Spencer

LAVENDER AND BLUE

- Eleanor Blue.** Light blue with silvery sheen.
- ⑩ **Fragrance.** Clear lavender flowers; large, beautifully frilled.
- Harmony.** A beautiful clear lavender.
- Mrs. Herbert Hoover.** Flowers are clear blue; long stems.
- Top Hat.** Deep bright violet.
- ⑩ **Triumph.** A beautiful clear shade of soft lilac-mauve.
- Twilight.** Good, long-stemmed, large flowering, lavender variety.

ORANGE AND RED

- Ball Orange Improved.** Deep glowing orange.
- Fiesta.** Finest orange-red early Sweet Pea.
- Forest Fire.** (Michell.) Giant bright orange-scarlet, duplexed flowers.
- Gorgeous.** (Michell.) A glistening golden cerise.
- ⑩ **Top Sergeant.** (Michell.) A deep blood-red crimson.
- ⑩ **Treasure Island.** Sparkling golden orange; flowers are huge.

PINK, ROSE AND SALMON

- Ball Rose Improved.** Sparkling deep rose.
- ⑩ **Bridesmaid.** Sparkling silver-pink.
- Eileen.** Begonia-rose, with salmon shadings.
- Giant Rose.** Rose color. Extra-fine variety.
- ⑩ **Laddie Improved.** Giant bright rose on long stems.

WHITE

- Hope.** The finest black seeded pure white.
 - ⑩ **White Champion.** Long-stemmed; pure white. White seeded.
 - White Harmony.** A black-seeded variety. Large, pure paper-white.
- Any of the Winter-Flowering Giant Spencers: ½ oz. 35c; oz. 60c;
¼ lb. \$1.65; lb. \$6.00.

MIXED COLORS

- ⑩ **Michell's Winter-Flowering Spencer, Mixed.** From named sorts.
Oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

Spring Flowering

CUTHBERTSON STRAIN

For greenhouse sowing between October and February, this strain is superior to the early or winter class.

- Coline.** Vivid, intense scarlet.
 - ⑩ **Evelyn.** Extra strong stemmed. Soft salmon-pink.
 - Frank G.** Fine soft rosy lavender.
 - Helen.** Blush-pink on white ground.
 - ⑩ **Janet.** Large frilled flowers of pure white.
 - ⑩ **Jessie.** Soft violet-mauve.
 - Kenneth.** Rich deep crimson.
 - Lois.** Similar in color to Ball Rose Queen in the winter class.
 - Tommy.** A clear mid-blue.
 - ⑩ **Mixture.** A well balanced mixture of the above colors.
- Any of the above, ½ oz. 35c; oz. 55c; ¼ lb. \$1.65; lb. \$5.00.

Summer-Flowering Giant Spencer

LAVENDER

- ⑩ **King Lavender.** Fine, clear lavender. Excellent variety.

PINK, ROSE AND SALMON

- Maytime.** Huge individual flowers coming four and five to a stem. The color is a rich golden cerise.
- Salmon Gigantic.** Giant salmon-pink.
- ⑩ **Pinkie.** Rose-pink. Extra-large flowers.

RED

- Welcome.** Giant flower. Brilliant sun-proof scarlet.

WHITE AND CREAM

- ⑩ **Cream Gigantic.** Largest cream, black-seeded.
 - Gigantic.** Black-seeded white, extra-large, wavy flowers.
 - King White.** Extra large. Pure white.
- Each of the above, oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

SWEET PEAS IN MIXTURE

- ⑩ **Michell's Superb Spencer.** Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite colors and shades.
Oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

⑩ LITTLE SWEETHEART

Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are the large ruffled Spencer type. Flower early and continue in bloom for a long period. Adaptable for border, bedding, or pot plant culture.

½ oz. \$1.75; oz. \$2.25; ¼ lb. \$7.00; 1 lb. \$21.00.



SWEET PEAS—
Cuthbertson Strain

PLEASE NOTE. The pound rate will apply only where ½ pound or more of a variety is ordered.

⑩ Zvolanek's Multi-Flowered

This is definitely the newest thing in greenhouse Sweet Peas. This type is unusually free-flowering and the exceptional stem length carries five to six flowers instead of the usual three and four. Sweet Pea growers can readily appreciate what this will mean in better market returns over a period of a few weeks of picking. We strongly recommend them where long stems and premium quality are wanted.

Orange-Cerise. Large flowered brilliant orange.

Orchid-Lavender. Shade close to twilight; large blooms on long stems.

Rose. Extra large medium rose flowers with many 5's on extra long, heavy stems. Vigorous growth.

Salmon-Pink. Large, medium rose-pink flowers with salmon cast. 4's and 5's. Stems are extra long, but not as heavy as the above varieties.

Whirlwind. Probably the finest of the new Multi-flowered type. Extra large, light rose flowers are borne in 5's and 6's on extremely heavy 14- to 16-inch stems. Growth is very vigorous and strong.

White. Pure white. Many 5's on long, strong stems. Very promising.

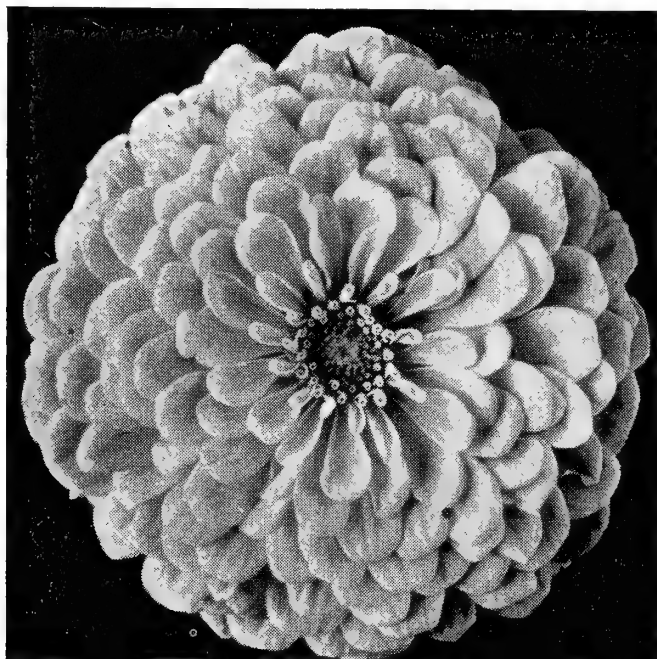
Mixed.

Prices above varieties, each: ½ oz. 50c;
1 oz. 80c; 4 ozs. \$2.50; 1 lb. \$8.00.

2,800 to 4,600 seeds per ounce.

Zinnias are native to warm temperatures and seed should not be sown until the ground and air temperature is warm. If sown too early in a cool house or in damp soil the seed may rot—65 to 70 degrees would be considered a safe minimum for satisfactory germination.

With their beautiful, vivid and varied colors Zinnias have always been popular as a bedding plant and for cut-flower material. For bedding sales sow only 4 to 6 weeks ahead of sales.



ZINNIA, California Giant

DWARF DOUBLE-FLOWERING

These grow about 2 feet high and are excellent for bedding as well as for cutting.

- | | |
|--------------------------------|-------------------------------------|
| ⑩ Crimson. | Scarlet. |
| Pink (Flesh). | ⑩ Spun Gold (Butter-Yellow). |
| Pinkie. Deep rose-pink. | Yellow (Golden Orange). |
| ⑩ Salmon-Rose. | White. |
| | ⑩ Mixed. |

Each of the above: Tr. pkt. 30c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.



ZINNIA,
Dahlia-
Flowered

CALIFORNIA GIANT

This class makes fine cut flowers, especially for florists as they can be forced nicely in the greenhouse. These are larger than the giant Robusta and are a cross between them and the Dahlia-Flowered type. Flowers large and flat with long stems, making an excellent cut flower for the florist. Grow 2½ to 3 feet.

Pink Lady. (New). Unusual bicolor. Center soft rose-pink, the outer petals turn cream or buff depending on light intensity.

Tr. pkt. 85c; ½ oz. \$1.40; ¼ oz. \$2.50; oz. \$7.50.

Brightness. Deep rose.

Cerise Queen. Orange-rose.

Daffodil. Canary-yellow.

Enchantress. Bright rose.

Golden Queen. Golden yellow.

⑩ **Grenadier.** Dark red.

Isabellina. The flowers of this strain are a soft, creamy yellow. A most desirable shade for the florist. We offer a selected, carefully rogued strain.

Lavender Queen. Rosy lavender.

⑩ **Miss Willmott.** Soft pink.

Orange Queen. Golden orange.

Pastel Shades.

⑩ **Purity.** Best white.

⑩ **Salmon Queen.** Salmon-rose.

Scarlet Queen. Deep scarlet.

Violet Queen. Purple.

⑩ **Finest Mixed.**

Each of the above: Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

FANTASY or CHRYSANTHEMUM-FLOWERED

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect.

Floradale Scarlet. A new kind of Zinnia. Giant, scarlet-red flowers with beautiful, long, ruffled petals. Very free flowering, with long strong stems. A splendid florist's cut flower, also fine for garden use.

Melody. Rich orchid-lavender.

Orange Lady. Bright orange.

Rosalie. Intense rose-pink.

Wildfire. Dazzling scarlet; a strikingly brilliant color.

⑩ **Mixture.** Formula mixture of all colors in this class.

Each of the above, trade pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00.

GIANT DAHLIA-FLOWERED

Bodger's Original Gold Medal Strain

Plants medium height, 2½-3 feet, bearing on strong stems huge fully double flowers resembling the show type of Dahlia. The blooms are distinct from the ordinary giant-flowered class, being extra large and fully double. Our list comprises the most popular varieties.

Buttercup. Deep creamy yellow.

Crimson Giant.

Dream. Deep lavender, turning to purple.

Exquisite. Light rose, center deep rose.

Golden Dawn. Bright golden yellow.

Golden State. Orange-yellow.

Luminosa. New shade of clear bright pink.

Oriole. Orange and gold.

Polar Bear. Pure white.

Royal Purple. True velvety purple.

Scarlet Flame (Will Rogers). Bright scarlet and orange.

Gold Medal Hybrids Mixed.

Each of the above, trade pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

ZINNIAS for Florists



ZINNIA, Ortho Polka

Ortho Polka. An improvement on Peppermint Stick with flowers twice the size. Colors range through white, rose, lavender, red, crimson, and yellow in striped and dotted variations. See illustration inside back cover.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.25.

Ⓜ **Persian Carpet.** All-America Selection. Dwarf plants 12 inches high. Early blooming. Flowers variegated.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

Peppermint Stick. Flowers are striped similar to Ortho Polka, but with smaller Pumila type flowers and shorter plants.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.25.

Ⓜ **Cupid.** Compact plants about 1 foot tall, with a well-rounded, bushy habit. Each of the numerous upright stems bears a miniature flower that hardly exceeds 1 inch in diameter.

Tr. pkt. 30c; ¼ oz. 60c; oz. \$1.80.

Linearis. The flowers are single in a lovely shade of orange with a lemon stripe through each petal. Early flowering.

Tr. pkt. 40c; ¼ oz. \$1.00; oz. \$3.00.

Ⓜ **Super Crown of Gold Mixture.** The flowers are large with each petal overlaid with a golden yellow at the base. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender.

Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50.

LILLIPUT VARIETIES

The Lilliputs are among the most popular of Zinnias for cut-flower use. Flowers are small, perfectly double, compact and symmetrical, on strong, long stems. Fine for bedding or cut flowers. 15 to 18 inches high.

Pastel Mixture. Composed solely of delicate shades not found in ordinary mixtures.

Black Ruby. Deep velvety maroon.

Canary-Yellow.

Crimson Gem.

Golden Gem.

Lilac Gem.

Purple Gem.

Rosebud. Rose-pink.

Salmon-Rose.

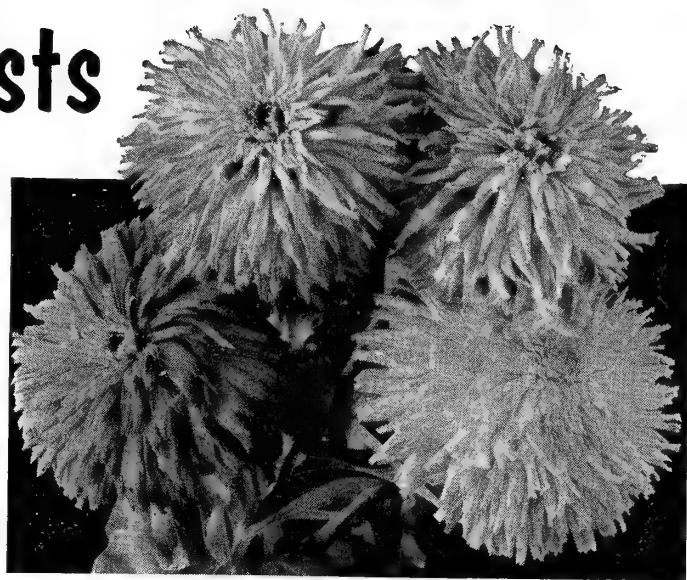
Scarlet Gem (Red Riding Hood).

Valencia. Shade of burnt orange.

White Gem.

Ⓜ **Mixed Colors.**

Each of the above: Tr. pkt. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.



CACTUS-FLOWERED MIXED

CACTUS FLOWERED TYPES

Ⓜ DARK JEWELS

An entirely different type of cactus flowered mixed Zinnia. All flowers have petals tipped in white or gold creating a very striking contrast of colors. Plants are bushy, 12-18 inches high with flowers 3-4 inches across.

Tr. pkt. 75c; ½ oz. \$1.25; ¼ oz. \$2.00; oz. \$6.00.

Ⓜ MERRY-GO-ROUND

Cactus and semi-cactus type of flowers. Complete color range. All flowers have petals tipped in white or gold creating a very striking contrast of colors. Plants are bushy, 12-18 inches high with flowers 3-4 inches across.

Tr. pkt. 75c; ½ oz. \$1.25; ¼ oz. \$2.00; oz. \$6.00.

Treasure Island. An F-3 mixture in beautiful shades of red, orange and yellow. Flowers are 6-8 inches in diameter on bushy plants.

Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.

Ice Cream. First pure cream Zinnia, not a shade of buff, yellow or white, but full bodied cream. Giant formal cactus blooms up to 6 inches and more in diameter. Cream is the only color that has a tendency to harmonize and combine with all other flower colors.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75; ¼ lb. \$12.50.

Plus-X Cactus. An outstanding mixture of F-2 and F-3 segregated colors. A wealth of new shades and bicolor effects found in no other Zinnia mixture. Blooms are up to 6 or 7 inches or more in diameter, extra double cactus-like flowers borne on vigorous, thrifty plants. Plus-X Cactus is the most fully double of all Zinnias.

Tr. pkt. 50c; ¼ oz. \$1.25; oz. \$3.75; ¼ lb. \$12.50.

Blaze. A profusion of brilliant mandarin-red and scarlet-orange. This fiery beauty is borne on free blooming uniform plants 28-32 inches tall.

Tr. pkt. 50c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$9.00.

Giant Cactus Mixture. (Burpee's Hybrids). An outstanding mixture, ranging in color from pastels to bright scarlet. Flowers 5-6 inches across on strong stems. Petal formation is extremely attractive, some flowers being ruffled, others curled and quilled. Plants are strong, early, free blooming and ideal for cutting or garden decoration.

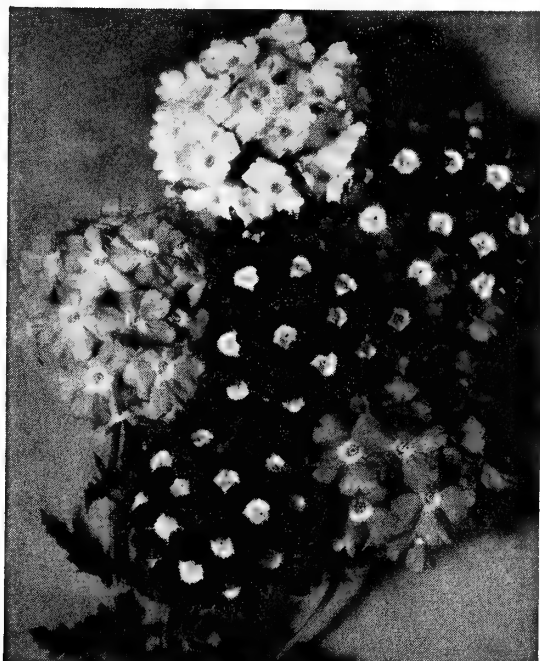
Tr. pkt. 40c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$7.50.

PLEASE NOTE.—The pound rate of Zinnias will apply only where one-half pound or more of a variety is ordered.

Ⓜ Varieties preceded with this symbol are especially recommended.

Verbenas

10,000 seeds per ounce.



VERBENA, Grandiflora Mixture

Dwarf Types

- ⑩ **Dazzle.** A solid scarlet-red with Grandiflora size flowers.
- ⑩ **Delight.** A lovely clear shade of coral-pink suffused salmon, a distinct and new color of Verbenas. Dwarf and compact growing to a height of 5 to 6 inches with an 18-inch spread. A prolific bloomer with Grandiflora sized flowers produced in great numbers.
- ⑩ **Crystal.** A dwarf compact plant that retains this most desirable habit throughout the entire blooming season. The large pure white florets are produced in abundance in large bouquet type clusters.
- ⑩ **Sparkle.** Identical to the above variety except in color, which is a bright scarlet-red with large white eye.
- ⑩ **Splendor.** A brilliant royal purple with a white eye.
- ⑩ **Michell's Dwarf Mixed.** A carefully blended mix of all the colors in this class.

Tr. pkt. 50c; ¼ oz. \$1.50; oz. \$4.50.

Bush Types

- Snow-White.** The latest addition to this popular type of Verbena. Plants are very bushy, dwarf and free flowering. The color is snow-white.
- ⑩ **Firelight.** The most vivid red Verbena we have ever seen. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequalled in any other border or bedding plant. Truly a supreme addition to every garden.
- Starlight.** A bright mid-blue with a creamy eye. Plants are of uniform, bushy habit, about 8 to 10 inches high, very free flowering. An excellent companion to Salmon Queen.
- ⑩ **Giant Salmon Queen.** The flower heads are large and well filled with large, broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8- to 10-inch, straight stems and its attractive color make it very desirable for bouquets.

Tr. pkt. 55c; ¼ oz. \$1.30; oz. \$4.00.

Dwarf Upright Type

⑩ MICHELL'S EXHIBITION

We offer a strain which is the result of many years' work of careful selection. The plants are of dwarf upright habit and well branched, producing many large flower heads. Individual florets have clear distinct eyes and come in a range of fine bright florists colors. This is a very fine strain for pot plants, flat sales, combinations and window boxes. See illustration inside back cover.

Tr. pkt. 75c; ¼ oz. \$1.50; oz. \$5.00; ¼ lb. \$18.00.

Giant Flowering Types

New Hybrida Grandiflora

- ⑩ **Marilyn.** An entirely new color in Verbena. A fiery cerise with a suggestion of scarlet. A small cream eye adds loveliness to this charming color. The mammoth clusters of large florets are generally produced on fine uniform plants of compact habit. This is an early strain that will bloom over an extra long season.
- ⑩ **Annapolis Blue.** A real deep Belladonna-blue. A strong, husky grower with large trusses of 3-inch flowers.
- Beauty of Oxford Hybrids.** The color shades from clear rose-pink to rose-red.
- Crimson Glow.** The finest and deepest red—a rich glowing crimson.
- Giant White.** Mammoth flowers of pure white.
- Lavender Glory.** This novelty is a true hybrid (and will come one-third white), but we consider the lavender flowers so worth while that we recommend it. Medium-sized, with creamy white eye.
- ⑩ **Newport Salmon (Michell's).** A fine giant-flowering, true salmon-pink with white eye. Extra-large florets.
- ⑩ **Royale.** Deep royal-blue flowers of enormous size; creamy yellow eye.

Choice Mixed.

Tr. pkt. 45c; ¼ oz. \$1.25; oz. \$3.75.

Venosa. Heliotrope-blue. Fine for bedding.

Tr. pkt. 30c; ¼ oz. \$1.00; oz. \$3.00.

VINCA

21,000 seeds per ounce.

An excellent bedding plant. Tolerant of high summer temperatures. For good saleable plants seed should be sown early February at 60°.



VINCA, Little Pinkie

⑩ LITTLE PINKIE

A free flowering rose-pink Vinca that will bloom continuously during the summer. The plant habit is very compact, ideal for borders or beds. Height 10 inches.

Tr. pkt. 50c; ¼ oz. \$1.35; oz. \$4.50.

⑩ **Alba.** White, with rose center.

⑩ **Alba pura.** Pure white.

Delicata. Soft pink.

Kermesina. Bright red.

⑩ **Rosea.** Pink.

Mixed.

Each of the above:

Tr. pkt. 30c; ¼ oz. 60c; oz. \$2.00.

VIRGINIAN STOCK

69,000 seeds per ounce.

Mixed. An easy growing border annual.

Tr. pkt. 25c; oz. 75c.

WALLFLOWER

14,000 seeds per ounce.

Double Annual (Early Wonder Mixed). Extra early, flowering in 90 days. Excellent for forcing. Tr. pkt. 30c; ¼ oz. 60c; oz. \$2.00.

Paris Extra Early Mixed. Single. Good forcing variety.

Tr. pkt. 20c; oz. 60c.

XERANTHEMUM Everlasting Flower

Double Mixed. Annual. For winter bouquets.

Tr. pkt. 25c; oz. \$1.25.

*ALYSSUM

30,000 seeds per ounce.		Trade pkt.	Oz.
② Saxatile compactum. Golden yellow		\$0.20	\$1.20
Saxatile compactum, Silver Queen. Pale primrose		.40	3.60
Rock Garden Hybrids, Mixed	1/4 oz.	\$1.75	.50 5.50

ANCHUSA

1,100 seeds per ounce.			
Refrigerate seeds for 3 days before sowing.			
Italica, Dropmore. Bright blue	1/4 oz.	\$0.75	.40 2.25
*Myosotidiflora. Small Forget-me-not-blue flowers. 15 in.	1/8 oz.	\$1.35	1/4 oz. \$2.50 .45 7.50

ANEMONE - WINDFLOWER

37,000 seeds per ounce.			
Hardy perennial. Blooms excellent for cutting.			
② Caen Hybrids. Choice mixture		.50	3.00
Coronaria, St. Brigid. Semi-double. Various colors. 1 ft.	1/4 oz.	\$1.10	.55 3.25

*ANTHEMIS

85,000 seeds per ounce.			
Tinctoria Kelwayi. Bright yellow flowers. 2 ft.		.35	1.10



AQUILEGIA, Long Spurred Mixed

AQUILEGIA - COLUMBINE

17,000 seeds per ounce.		Trade pkt.	1/8 oz.
Crimson Star. Crimson and white		\$0.60	\$1.75
Longissima. Delicate shade of yellow		.60	1.75
Copper Queen. Copper-red, straw corolla		.55	1.65
Blue Shades		.50	1.25
Orange and Scarlet Shades		.50	1.25
Pink and Rose Shades		.50	1.25
Snow Queen. Pure white		.50	1.25
Mrs. Scott Elliott's Select Strain	1/4 oz.	\$1.50	oz. \$4.50 .50
Hybrids. Mixed colors	1/4 oz.	\$2.00	oz. \$6.00 .40 1.20

ARABIS - ROCK CRESS

120,000 seeds per ounce.		Trade pkt.	Oz.
② *Alpina. Dwarf spring-flowering perennial for edging			
and rockery. Flowers pure white. 1 ft.	1/4 oz.	80c	\$0.40 \$2.75
*Alpina rosea. Bright rose flowers. Very dwarf. 8 in.	1/4 oz.	\$1.30	.50 3.90

ASTER

22,000 seeds per ounce.		Tr. pkt.	1/8 oz.
Alpinus, Mixed. 1 1/2 ft. Lavender, blue, white		\$0.55	\$1.10
② Wartburg Star. Good lavender-blue with yellow center.			
Excellent for cutting		.75	2.00
Perennial Aster, Mixed. Fall flowering cut flower varieties with a wide assortment of colors	1/4 oz.	\$2.25	.60 1.25

AURICULA - PRIMULA AURICULA

33,000 seeds per ounce.		Tr. pkt.
*Choice Mixed. Hardy perennial with flowers of many beautiful colors. 6 in.		
1/8 oz.	\$1.75	1/4 oz. \$3.00 \$0.50

CAMPANULA - BELLFLOWER

Campanula Medium
Canterbury Bells
125,000 seeds per ounce.



CAMPANULA MEDIUM

BIENNIAL

② Calycanthema. Cup-and-Saucer.		
Blue	White	
Lilac	Pink	
	Mixed	
Each: Tr. pkt. 30c; 1/4 oz. 80c; oz. \$2.40.		
	Single	
Blue	White	
Pink	Mixed	
Each: Tr. pkt. 25c; 1/4 oz. 40c; oz. \$1.00.		
	Double Mixed	
Tr. pkt. 30c; 1/4 oz. 80c; oz. \$2.40.		

Miscellaneous Varieties

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers	Tr. pkt. 1/8 oz.	1/4 oz.
	\$0.40	\$1.00 \$1.85
Persicifolia grandiflora alba. White	.50	1.25 2.00
Pyramidalis, Mixed. Chimney Bellflower. 5 ft.	.25	.75 1.25

CANDYTUFT - IBERIS

9,500 seeds per ounce.		Tr. pkt.	1/4 oz.	Oz.
Gibraltarica. Lilac, shading to white		\$0.30	\$0.50	\$1.50
Sempervirens. Flowers white		.50	1.35	4.75

CARNATION

14,000 seeds per ounce.
Dwarf Grenadin

This new improved strain is more dwarf and compact. Flowers early at height of 12 to 15 inches.

Scarlet.	Triumph Pink. Rose-pink.
Copper.	White. Pure white.
Rose.	White Gold. Soft yellow.
Salmon-rose.	Dwarf Mixed.
Each of the above: Tr. pkt. 60c; 1/4 oz. \$2.00; oz. \$6.50.	

CATANANCHE

16,000 seeds per ounce.		Tr. pkt.	1/4 oz.	Oz.
Coerulea. Light lavender-blue Centaurea-like flowers. 2 ft.		\$0.35	\$0.75	\$2.25

CENTAUREA

1,600 seeds per ounce.			
Montana. Large Cornflower with blue flowers.	Tr. pkt. 25c; oz. \$1.50.		

CERASTIUM - SNOW-IN-THE-SUMMER

42,000 seeds per ounce.			
1 foot.			
*Tomentosum. Silvery foliage. White flowers.			
	Tr. pkt. 30c; 1/4 oz. 60c; oz. \$1.75.		

CHEIRANTHUS

20,000 seeds per ounce.			
Allioni. Siberian Wallflower. Orange.			
	Tr. pkt. 25c; oz. 50c; 1/4 lb. \$1.50.		

CHRYSANTHEMUM

60,000 seeds per ounce.		Tr. pkt.	1/8 oz.
Korean Hybrids. Single and semi-double type in fine color range. Excellent for cutting	1/4 oz.	\$4.50	\$1.00 \$2.50
Shasta Daisy. See page 43.			

*COREOPSIS

12,000 seeds per ounce.		Tr. pkt.	Oz.
Lanceolata grandiflora. Golden yellow		\$0.25	\$0.75
② Sunburst. (Grandiflora fl.-pl.) Double flowered golden yellow. Fine for cut. 2 ft.	Tr. pkt. 25c; 1/4 oz. 35c; oz. \$1.10.		



DELPHINIUM—Super Pacific Hybrids

DELPHINIUM

Perennial Larkspur

One of the most popular perennials. Excellent for cutting.
10,000 seeds per ounce.

SUPER-GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving splendid for cut flowers.

- Ⓜ **Black Knight Series.** Deep velvety blue. Darkest of all.
 - Ⓜ **Blue Bird Series.** The clearest medium blue with white bee. Huge tall spikes; an excellent variety.
 - Ⓜ **Bluejay Series.** The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue.
 - Ⓜ **Cameliard Series.** A lovely pure lavender self with white bee. Well-balanced spikes, a beautiful variety.
 - Ⓜ **Galahad Series.** Clear white of enormous size averaging 3 inches in diameter. Good branching habit; strong whippy stems.
 - Ⓜ **Guinevere Series.** A magnificent light pink-lavender with white bee; fine large spike.
 - Ⓜ **King Arthur Series.** A true royal purple with white bee.
 - Ⓜ **Percival.** White with contrasting black bee. Very attractive.
 - Ⓜ **Round Table Series.** This represents all of the color combinations of the knights and their ladies.
 - Ⓜ **Summer Skies Series.** Clear light blue with white bee. Excellent for cutting.
 - Ⓜ **White Majesty.** Giant, pure white.
- Each of the above, trade pkt. \$1.50; 1/8 oz. \$2.50; 1/4 oz. \$4.50; oz. \$15.50.
- Mixed Colors.**
Trade pkt. \$1.25; 1/8 oz. \$2.50; 1/4 oz. \$4.00; oz. \$14.00.
- Astolat Series.** A fine mixture ranging from pale blush through pink, rose and lilac, with dark bees.
1/2 tr. pkt. \$1.25; tr. pkt. \$2.00; 1/8 oz. \$3.00; 1/4 oz. \$5.50.
- Blackmore & Langdon's Imported Strain.** Plants are of strong vigorous growth and produce immense spikes of large flowers.
Tr. pkt. 50c; 1/4 oz. \$1.25; oz. \$3.75.

Other Varieties

- Ⓜ **Sapphire.** New. A hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. This strain possesses immense florets in comparison with Belladonna and Bellamosum. An excellent florist item.
Tr. pkt. 65c; 1/4 oz. \$2.00; oz. \$6.00.
- | | Trade pkt. | Oz. | 1/4 lb. |
|--|----------------|--------|---------|
| Ⓜ Belladonna Improved (Cliveden Beauty). A very select strain. Turquoise-blue | 1/4 oz. \$1.25 | \$0.40 | \$3.75 |
| Ⓜ Bellamosum, Improved. A dark blue type of Belladonna | 1/4 oz. \$1.25 | .40 | 3.75 |
| Cardinale. Large, brilliant scarlet flowers | 1/4 oz. \$1.20 | .40 | 3.60 |
| Michell's Gold Medal Hybrids. A fine strain. Long spikes of large flowers | 1/4 oz. \$1.00 | .35 | 3.00 |
| Lamartine. Deep bright marine-blue with eye. Outstanding for color and cut-flower habit | \$0.55 | \$1.50 | \$5.00 |
- NOTE.—The seed of Cardinale is of slow germination.

DAISY, DOUBLE ENGLISH

Bellis perennis
135,000 seeds per ounce.

*Monstrosa

The Monstrosa varieties surpass all other strains in their strong robust growth and extra-large, double flowers. 6 in.

Pink White Salmon Ball

Each of the above:

Tr. pkt. 60c; 1/8 oz. \$2.00; 1/4 oz. \$3.75.

*Monstrosa, Mixed

Tr. pkt. 60c; 1/8 oz. \$1.80; 1/4 oz. \$3.30.

A new type of English Daisy. Dwarf, compact plants 12 inches high covered with fully double 1-inch flowers. Very attractive.



DAISY, Monstrosa White

Ⓜ Red Buttons

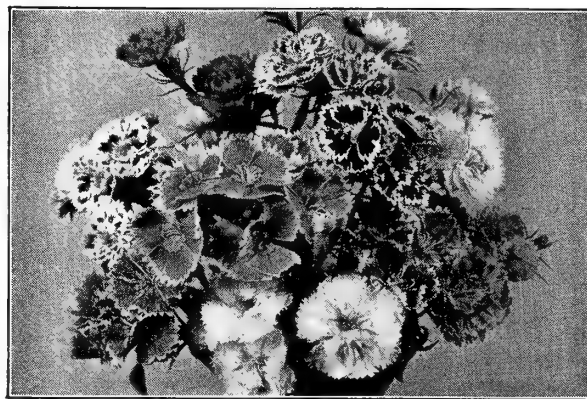
Ⓜ White Buttons

Each of the above: Tr. pkt. \$1.00; 1/8 oz. \$2.50; 1/4 oz. \$4.50; oz. \$15.50.

DIANTHUS - PINKS

Hardy Garden Varieties

	Tr. pkt.	Oz.
Allwoodi Alpinus Mix. 1 1/2-inch single flowers in various shades of pink	1/4 oz. \$1.75	\$0.40
Ⓜ Caesius. Cheddar pink. Pink	1/4 oz. 60c	.30
Ⓜ Clove-Scented, Double and Semi-Double Mixed		.30
Deltoides, Brilliant. Maiden Pink. Dwarf. Carmine	1/4 oz. \$1.75	.40
Double Scotch, Mixed. Choice colors	1/4 oz. \$1.00	.40
Pheasant's Eye, Mixed. Single; fringed	1/4 oz. 75c	.35
* Rock Garden Species. A mixture of 25 rare varieties	1/4 oz. 85c	.50
		3.00



DIANTHUS, Allwoodi

DICENTRA

	Tr. pkt.	1/8 oz.	Oz.
Spectabilis (Bleeding Heart). 6,000 seeds per oz. 32 inches. Rosy red		\$1.50	\$4.50
Ⓜ Eximia (Plummy Bleeding Heart). 16,000 seeds per oz. Dwarf. 12 in. Rose-pink	1/4 oz. \$1.50	.50	4.50

DICTAMNUS

	Tr. pkt.	Oz.
Fraxinella (Gas Plant). Flowers pink with dark veins. 1,700 seeds per ounce.	1/4 oz. 75c	\$0.30
		\$2.25

DIGITALIS - FOXGLOVE

180,000 seeds per ounce.

- Ⓜ **Excelsior Hybrids.** (Biennial.) A distinct new strain with florets carried all around the stem. The color range includes white through cream to pink and purple. Strong, heavily laden spikes reach a height of 5 to 6 ft.
1/4 oz. \$1.25 .50 3.75
- Giant Shirley, Mixed.** Enormous spikes of flowers. 3 to 5 ft.
1/4 oz. \$1.00 .35 3.00
- Monstrosa.** Mammoth spikes; various colors. 1/4 oz. 60c .35 2.00

Ⓜ Varieties preceded with this symbol are especially recommended.

DORONICUM

18,000 seeds per ounce.

Tr. pkt.

Caucasicum, Magnificent. Gerbera-like yellow flowers.
Good for cutting 1/2 oz. \$6.75; 1/8 oz. \$2.25.. \$1.00

EUPHORBIA

7,000 seeds per ounce.

Polychroma. Flowers in bracts of yellow, changing to rosy bronze. 1 1/2 ft. 1/2 oz. \$5.40; 1/8 oz. \$1.80.. .60



GAILLARDIA, Monarch

GAILLARDIA GRANDIFLORA

Perennial Varieties

10,000 seeds per ounce.

Very showy and excellent for the border or for cutting. 2 1/2-3 ft.

	Tr. pkt.	Oz.
Ⓜ Monarch Strain. Giant flowering. Exquisite mixed	\$.30	\$1.85
Portola Hybrids. Flowers of immense size, bronzy red with golden tipped petals	1/4 oz. 80c..	.40 2.40
Superba, Mixed	1/4 oz. 50c..	.30 1.60
Ⓜ Dazzler. Flowers golden yellow with maroon center.	1/4 oz. 55c..	.30 1.85
Burgundy. Medium size flowers of coppery scarlet.	1/4 oz. 75c..	.30 2.35
Goblin. Dwarf, compact. Bi-colored red and yellow flowers	1/4 oz. 75c..	.30 2.35

GEUM

7,000 seeds per ounce.

Beautiful hardy perennials, bearing a profusion of large, showy double flowers the entire summer.

	Tr. pkt.	Oz.
Lady Stratheden. Golden yellow. 2 ft. 1/4 oz. 90c..	\$.30	\$2.70
Ⓜ Mrs. Bradshaw. Brilliant scarlet flowers. 2 ft. 1/4 oz. 90c..	.30	2.70

Ⓜ Varieties preceded with this symbol are especially recommended.

GYPSOPHILA - BABY'S BREATH

35,000 seeds per ounce.

Tr. pkt. Oz.

Ⓜ Oldhamiana. Bright pink, fragrant flowers. 1/4 oz. 75c..	\$.30	\$2.50
Paniculata. White flowers. 3 ft. 1/4 lb. \$3.00..	.25	1.00
Ⓜ Paniculata fl-pl. Double white flowers. Comes 50 per cent true. 3 ft. 1/4 oz. \$1.50..	.50	5.00
* Repens. A pretty trailing perennial with tiny white flowers. Fine for the rock garden. 6 in. 1/4 oz. \$1.35..	.45	3.90

HEUCHERA

750,000 seeds per ounce.

Sanguinea splendens. Coralbells. Bright vermilion blooms. Excellent for cutting. 30 in. 1/16 oz. \$1.75; 1/8 oz. \$3.25..	.60
Sanguinea hybrida, Choice Mixed. 30 in. 1/16 oz. \$1.75; 1/8 oz. \$3.25..	.60

HELIANTHEMUM - SUN ROSE

Tr. pkt. Oz.

Mutabile. Dwarf rock plant blooming during July and August. Mixed colors 1/4 oz. 60c.. \$0.35 \$1.80

HELLEBORUS

3,600 seeds per ounce.

Ⓜ **Niger (Christmas Rose).** Seed should be frozen before sowing, or sow out-of-doors in fall. Flowers white. 2 1/2 inches 1/4 oz. \$1.20.. .70 3.60

HIBISCUS - MARSHMALLOW

7,000 seeds per ounce.

Giant Choice Mixed 1/4 oz. 90c.. .30 2.60

HOLLYHOCK

3,800 seeds per ounce.

Ⓜ TRIUMPH SUPREME

Flowers are fully double waved and fringed in a very pleasing color range. Can be handled as an annual. Sow in February for spring planting; will flower the same summer.

Tr. pkt. 55c; 1/4 oz. \$1.00; oz. \$3.00.

Double Newport Pink. Pure pink.
Chater's Double Maroon.
Chater's Double Red.
Chater's Double Salmon.

Chater's Double White.
Chater's Double Yellow.
Chater's Double Mixed.

Each of the above: Tr. pkt. 35c; 1/4 oz. 65c; oz. \$2.00.

HONESTY - LUNARIA

15,000 seeds per ounce.

Tr. pkt. Oz.

Biennis alba. Biennial. Admired for its silvery seed panicles. 3 ft. \$0.25 \$1.40

LATHYRUS LATIFOLIUS PERENNIAL PEA

600 seeds per ounce.

Pink Pearl	Red Pearl
White Pearl	Choice Mixed
Tr. pkt. 35c; 1/2 oz. \$1.10; oz. \$1.90.	

LAVENDER LAVANDULA

32,000 seeds per ounce.

Vera. True Lavender. Fragrant blue flowers. 2 ft.

Tr. pkt. 45c; 1/4 oz. \$1.25; oz. \$3.75.



LATHYRUS
LATIFOLIUS

LIATRIS

9,500 seeds per ounce.

Tr. pkt. Oz.

Pycnostachya. A showy border plant with rosy purple flowers. Excellent for cutting. 4 ft. 1/4 oz. \$1.00.. \$0.35 \$3.00

LILY - LILIUM

8,200 seeds per ounce.

Regale (L. myriophyllum). Perfectly hardy. Excellent for forcing. Flowers waxy white25 1.50
Ⓜ **WHITE QUEEN.** A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed .. 1/8 oz. \$2.50; 1/4 oz. \$4.50.. 1.00

LINUM - FLAX

8,500 seeds per ounce.

Flavum Compacta. Golden yellow flowers, dark green foliage.

Tr. pkt. 40c; 1/4 oz. 80c; oz. \$2.50.

Perenne. Large blue flowers. 1 1/2 ft.
Tr. pkt. 30c; oz. 90c.

LYCHNIS

64,000 seeds per ounce.

Chalcedonica. Dense heads of bright scarlet flowers. 2 ft. Hardy perennial plants of easy culture.

Tr. pkt. 25c; 1/4 oz. 60c; oz. \$1.80.



LYCHNIS

LUPINUS POLYPHYLLUS

1,000 seeds per ounce.

® RUSSELL LUPINS

The long, closely furnished spikes come in a great variety of rich colors and brilliant bicolors.

Tr. pkt. 45c; ¼ oz. 65c; oz. \$2.00; ¼ lb. \$6.50.

Tr. pkt. Oz.

Effective perennial plants with large spikes of flowers.

Mixed. All colors ¼ lb. \$4.00 \$0.25 \$1.25

New Hybrids, Mixed25 1.25

MATRICARIA - FEVERFEW

145,000 seeds per ounce.

- ® **Ball Strain.** A fine pure white with long stems, coming 80 to 85 per cent true, full doubles. Fine for greenhouse, as well as outdoors 1/16 oz. \$2.00; ¼ oz. \$6.00.. 1.00 18.00
- Double White.** Fine for cut flowers. 1½ ft. ¼ oz. \$2.00.. .40 6.00
- Golden Ball.** Bright yellow flowers. Dense habit. 8 in. . . .40 2.50

MYOSOTIS - FORGET-ME-NOT

44,000 seeds per ounce.

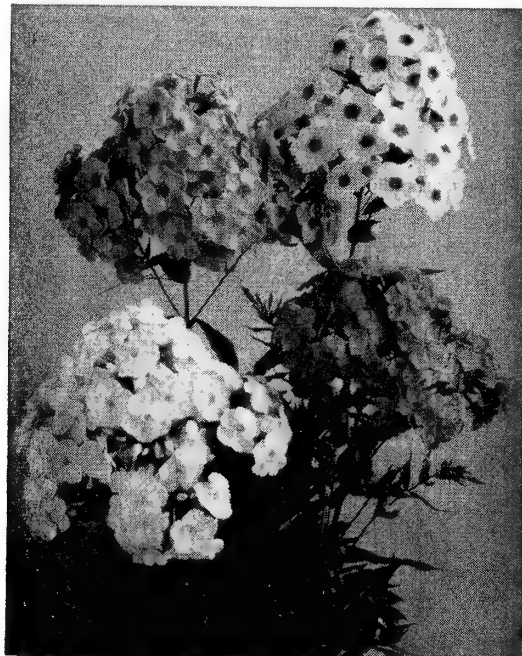
Tr. pkt. ¼ oz. Oz.

- Alpestris, Pink** \$0.40 \$0.75 \$2.50
- Alpestris, White**40 .75 2.50
- Alpestris, Victoria.** Bright blue. Dwarf50 1.50 5.00
- Bluebird.** Extra early flowering; bright blue40 .90 3.25
- Royal Blue.** Dwarf indigo-blue. A fine dark blue. .40 .85 3.00
- ® **Michell's Winter-Flowering.** The finest variety for forcing. Long stems. Large deep blue flowers. .50 1.00 3.50
- Palustris semperflorens.** Everblooming. Blue .. .40 .90 3.25
- Choice Mixed**25 .50 1.50

PENTSTEMON - BEARD TONGUE

Tr. pkt. ¼ oz. ¼ oz.

Avalon Mixture. Wide range of colors with 3-ft. flower spikes \$0.40 \$0.80 \$1.50



PHLOX, Beltville Beauty

PHLOX, HARDY

2,500 seeds per ounce.

Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring—or sow and refrigerate for one month.

Tr. pkt. Oz.

- ® **BELTSVILLE BEAUTY.** An improved strain of perennial Phlox. This popular variety is a broad mixture of many colors ¼ oz. \$2.50. \$0.85 \$7.50
- Decussata, Mixed.** Choice selection ¼ oz. 80c.. .40 2.50

PHYSALIS - CHINESE LANTERN PLANT

180,000 seeds per ounce.

Tr. pkt. ¼ oz. Oz.

Francheti. Perennial. Orange-scarlet fruits. 2½ ft. \$0.80 \$0.80 \$2.50

POPPY - ORIENTAL

140,000 seeds per ounce.

Tr. pkt. ¼ oz.

- Deep Scarlet** \$0.40 \$1.75
- Mrs. Perry.** Rich salmon-pink50 1.75
- Royal Scarlet**50 1.75
- Hybrids, Mixed**30 1.25



ORIENTAL POPPY

* PRIMULA - POLYANTHUS

33,000 seeds per ounce.

® VERIS COLOSSEA

(Perennial). The largest flowered hardy Primula in as wide a color range as possible, including attractive pastel shades. A very attractive perennial for the rock garden and semi-shaded border. Tr. pkt. \$1.25; ¼ oz. \$3.00; ¼ oz. \$5.25; oz. \$17.00

Tr. pkt. ¼ oz. Oz.

- ® **Giant Munstead Strain.** Large flowered mixture of white, primrose and yellow shades. ¼ oz. \$3.00.. \$1.25 \$5.25 \$17.00
- English Mixed.** Large single flowers50 2.00 7.00

PYRETHRUM HYBRIDUM

Perennial Varieties

18,000 seeds per ounce.

Undoubtedly among the best hardy perennials, both for garden work and cut-flower purposes. For the florist, a row of two or three hundred plants will prove very useful. Absolutely hardy and of very easy culture. 2½ ft.

Tr. pkt. ¼ oz. Oz.

- Atrosanguineum.** Single; dark red \$0.60 \$1.50 \$4.75
- Roseum.** Single; pink60 1.50 4.75
- Hybridum, Choice Double, Mixed**60 2.75 8.25
- ® **Robinson's Giant-Flowered, Single Mixed**60 1.50 4.75

SCABIOSA - MOURNING BRIDE

Perennial Varieties

2,400 seeds per ounce.

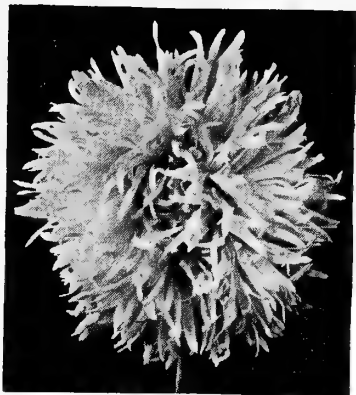
The seed of the perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids. Isaac House Strain. A fine improvement in the Caucasica strain, with flowers one-third larger and with longer stems. Colors range from light lavender to dark blue. Excellent for florists' use.

Tr. pkt. 45c; ¼ oz. \$1.35; oz. \$4.00.



SCABIOSA CAUCASICA, House Hybrids

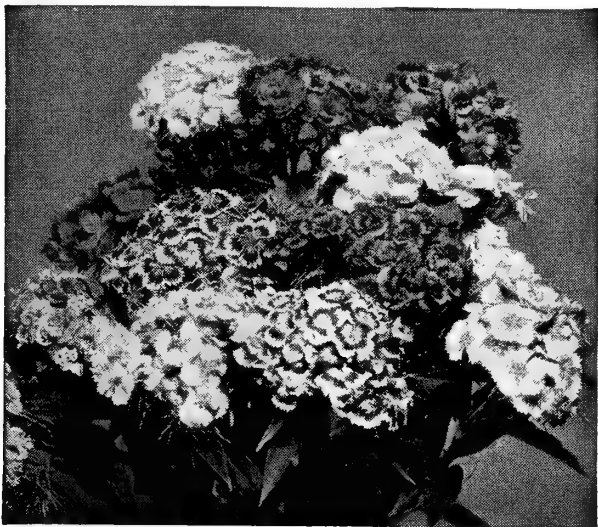


SHASTA DAISY, Double White

SHASTA DAISY

18,000 seeds per ounce.

	Tr. pkt.	Oz.
⑩ New Giant Double White. Fine for cutting. Flowers are about 5 inches in diameter and have the appearance of a giant Aster 1/8 oz. \$1.65; 1/4 oz. \$3.00..	\$0.55	\$9.00
Alaska. Pure white. Excellent for cutting . . . . .	.25	1.50
Conqueror. Giant-flowering white . . . . .	.25	1.50



SWEET WILLIAM, Single Mixed

SWEET WILLIAM-DIANTHUS BARBATUS

28,000 seeds per ounce.

⑩ DWARF DOUBLE MIXED

A special selected strain of this popular flower growing only 6 to 8 inches high. An excellent variety for basket work. Contains a very fine range of colors.

Tr. pkt. 40c; 1/4 oz. 90c; oz. \$3.00; 1/4 lb. \$10.00.

DWARF, ALPINE SINGLE MIXED

A fine new strain of dwarf type, suitable for edging and rock gardens. Color range a selection of many bright and dark shades.

Tr. pkt. 60c; 1/4 oz. \$1.50; oz. \$4.75.

	Tr. pkt.	1/4 oz.	Oz.
⑩ Crimson	\$0.35	\$0.75	\$2.60
Holborn Glory. Giant Auricula-flowered, mixed. . . . .	.35	.75	2.60
⑩ Newport Pink. Salmon-pink . . . . .	.35	.75	2.60
Purple Beauty. Bright deep purple . . . . .	.35	.75	2.60
Scarlet Beauty. Rich deep scarlet . . . . .	.35	.75	2.60
Sutton's Giant White. The finest large-flowering pure white Sweet William . . . . .	.35	.75	2.60
Single Mixed. All colors . . . . .	.35	.75	2.60
⑩ Double Mixed. All colors . . . . .	.35	.75	2.60

⑩

Varieties preceded with this symbol are especially recommended.

STATICE - EVERLASTING FLOWER

170,000 seeds per ounce.

Free-flowering plants, valuable for cutting or decoration, either when fresh or in their dried state.

	Tr. pkt.	1/4 oz.	Oz.
Caspia. Lilac. 3 ft.	\$0.30	\$0.80	\$2.75
Dumosa. Silvery gray. 2 1/2 ft. . . . .	.40	1.00	3.00
Latifolia. Large, deep blue flowers . . . . .	.30	.65	2.00

STOKESIA - STOKES ASTER

3,300 seeds per ounce.

Cyanea. Plants 1 1/2 ft. with large blue flowers.40	1.35	4.00
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SWEET ROCKET - HESPERIS

15,000 seeds per ounce.

	Tr. pkt.	Oz.
Mixed. Hardy perennial. Purple and white, fragrant flowers. 3 ft.	\$0.25	\$1.00

THALICTRUM

12,000 seeds per ounce.

Hardy perennial plants with finely cut foliage.

Dipterocarpum. Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft.	Tr. pkt. 30c; 1/4 oz. 55c; oz. \$1.75.
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THERMOPSIS

6,500 seeds per ounce.

Caroliniana. Yellow, Lupin-like flowers.

Tr. pkt. 30c; 1/4 oz. 75c; oz. \$2.35.

TRITOMA RED HOT POKER

22,400 seeds per ounce.

Hybrida, Mixed. Blooms the first year from seed. Very attractive plants, brilliant colors. 2 ft.

Tr. pkt. 45c; 1/4 oz. 80c; oz. \$2.50.



TRITOMA

VERONICA - SPEEDWELL

250,000 seeds per ounce.

Spicata. 15-18 in. Brightly colored plants of various shades of blue.

Tr. pkt. 35c; 1/4 oz. 90c; oz. \$2.70.

VIOLA CORNUTA - TUFTED PANSIES

25,000 seeds per ounce.



VIOLA CORNUTA,
Scotch Mixed

Scotch Bedding Mixed. An excellent large flowered mix. Contains solid colors in shades of purple, blue, yellow, and white.

Tr. pkt. 60c; 1/4 oz. \$1.10;
1/4 oz. \$2.00; oz. \$6.00.

Jersey Gem. This is the most popular and free-blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom.

Tr. pkt. 60c; 1/4 oz. \$2.00;
1/4 oz. \$3.75; oz. \$10.25.

Georgia Peach. Bright shades of delicate pink.

Arkwright Ruby. Bright crimson blooms with dark centers.

Blue Perfection. Light blue.

Chantreyland. (New). A fine new variety in a pure apricot outstanding in color.

White Perfection. Pure white.

Yellow Perfection. Golden yellow.

Mixed. All colors.

Each of the above: Tr. pkt. 60c; 1/4 oz. \$1.10; 1/4 oz. \$2.00; oz. \$6.00.

WALLFLOWER. (Perennial). See Cheiranthus page 39.



Vegetable Seeds

ASPARAGUS ROOTS—2-Year-Old

(Ready about March 20th for spring planting.)

Mary Washington. \$3.50 per 100 roots; \$30.00 per 1000 roots.

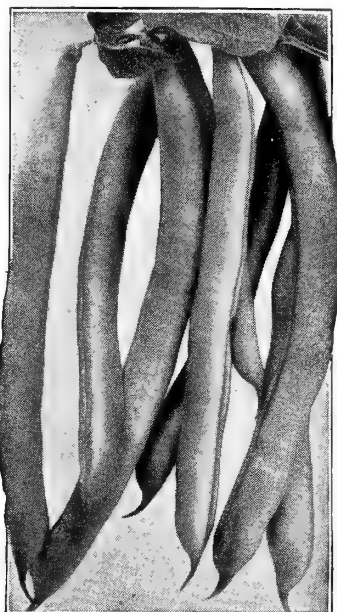
BEANS Dwarf

Green-Podded Varieties

	Lb.	5 lbs.	25 lbs.
Bountiful. 47 days	\$0.60	\$2.25	\$8.75
Improved Stringless Green-Pod. 50 days .....	.60	2.25	8.75
Topcrop. 50 days .....	.65	2.50	10.00
Tendergreen. 51 days .....	.60	2.25	8.75

Yellow-Podded Varieties

Improved Rustproof Golden Wax. 51 days ....	.60	2.25	10.00
Pencil-Pod Black Wax. 55 days .....	.60	2.25	8.75



BEAN,
Bountiful

Pole Limas

Two pounds will plant 100 hills; 25 to 30 pounds an acre.

	Lb.	5 lbs.	25 lbs.
Challenger Improved. 90 days	\$0.60	\$2.25	\$8.75
King of the Garden. 88 days .....	.60	2.25	8.75

Bush Limas

	Lb.	5 lbs.	25 lbs.
Fordhook 242. 72 days	\$0.65	\$2.35	\$9.25

BEETS

One ounce will sow a row about 50 feet long; 5 pounds, an acre.

	Oz.	¼ lb.	Lb.
Crosby's Egyptian. Special Strain. 55 days	\$0.25	\$0.60	\$1.80
Detroit Dark Red. Special Strain. 56 days .....	.25	.60	1.80

BROCCOLI

One ounce will produce 3000 plants.

	½ oz.	Oz.	¼ lb.	Lb.
De Cicco. 60 days. An extremely early strain producing large heads. Excellent for bunching or freezing	\$0.35	\$0.60	\$2.00	\$6.00

BRUSSELS SPROUTS

One ounce will produce about 3000 plants.

	½ oz.	Oz.	¼ lb.
Long Island Improved. 90 days	\$0.35	\$0.60	\$2.00



CABBAGE

CABBAGE

One ounce will produce about 3,000 plants; 4 ounces, enough for an acre.

Yellows-Resistant Varieties

	½ oz.	Oz.	¼ lb.	Lb.
Wisconsin All Season. 90 days	\$0.30	\$0.55	\$2.00	\$5.00
Golden Acre Resistant. 64 days .....	.35	.65	2.50	6.00
Jersey Queen. 66 days .....	.30	.55	2.00	4.75
Marion Market. 79 days .....	.30	.55	2.00	4.75
Wisconsin Hollander No. 8. 105 days ....	.30	.55	2.00	4.75

Early Varieties

Copenhagen Market. 69 days .....	.30	.55	1.50	4.50
Extra Early Jersey Wakefield. 63 days ..	.25	.40	1.10	3.25

Late or Winter Varieties

Danish Ballhead. 103 days .....	.30	.55	1.50	4.50
Late Flat Dutch. 100 days .....	.25	.40	1.10	3.25
Mammoth Red Rock. 100 days .....	.30	.55	1.50	4.50

CARROTS

One ounce will sow 300 feet; 3 to 4 pounds, an acre.

	Oz.	¼ lb.	Lb.
Chantenay Half-Long. Special. 72 days	\$0.40	\$1.20	\$3.60
Danvers Half-Long. 75 days .....	.30	.90	2.70

CANTALOUPE or MUSKMELON

	Oz.	¼ lb.	Lb.
Hale's Best. No. 36. 82 days	\$0.50	\$1.65	\$3.50
Honey Rock. 81 days .....	.50	1.65	3.50

CAULIFLOWER

One ounce will produce about 3,000 plants.

	½ oz.	¼ oz.	Oz.	¼ lb.
Snowdrift. 55 days. One of the best varieties for shipping long distances	\$0.50	\$0.80	\$2.40	\$8.00
Super Snowball. 55 days. A highly desirable main-crop variety .....	.50	.80	2.40	8.00

CELERY

One ounce will produce 3,000 to 5,000 plants; ½ pound will sow an acre.

	½ oz.	Oz.	¼ lb.
Giant Pascal. 138 days	\$0.85	\$1.50	\$5.00
Golden Self-Blanching. 114 days .....	.85	1.50	5.00
Summer Pascal, Waltham Strain. 110 days ....	.85	1.50	5.00

SWEET CORN

One pound will plant about 150 hills; 12 to 15 pounds, an acre.

HYBRID TYPES

	Lb.	5 lbs.	10 lbs.	25 lbs.
Big Mo. 81 days. Honorable mention, All-America Selections	\$0.70	\$2.75	\$4.75	\$11.25
Golden Cross Bantam. 83 days .....	.70	2.75	4.75	11.25
Goldrush. 69 days. The finest large-eared, extra-early hybrid .....	.70	2.75	4.75	11.25
Hybrid Stowell's Evergreen. 93 days....	.80	3.25	5.75	13.75
Lochief. 83 days. Gold Medal, All-America Selections .....	.75	3.00	5.50	12.50

Open-Pollinated Types

	Lb.	5 lbs.	10 lbs.	25 lbs.
Country Gentleman. 95 days	\$0.60	\$2.25	\$3.75	\$8.75
Golden Bantam. 79 days .....	.60	2.75	3.75	8.75

GARDEN CRESS - Pepper Grass

	1/2 oz.	Oz.	1/4 lb.	Lb.
Water Cress	\$0.55	\$1.00	\$3.00	\$9.00

CUCUMBERS

One ounce will sow 60 hills; 2 to 3 pounds, an acre.

	Oz.	1/4 lb.	Lb.
Arlington White Spine. 62 days.....	\$0.35	\$0.85	\$2.50
Improved Long Green. 67 days .....	.30	.90	2.75
Marketer. 65 days .....	.35	1.00	2.85
Straight Eight. 66 days .....	.30	1.00	3.00
Forcing Cucumber, Telegraph 100 seeds 50c; 1000 seeds \$4.50.			

HYBRID CUCUMBER

Early Sure-Crop Hybrid. 58 days. Bronze Medal, All-America Selections. 1/16 oz. 50c; 1/4 oz. \$1.40; 1/2 oz. \$2.25; oz. \$4.20; 1/4 lb. \$12.50.			
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DANDELION

	Oz.	1/4 lb.	Lb.
Italian	\$0.50	\$1.50	\$4.50

EGGPLANT

One ounce will produce 1,000 to 2,000 plants.

Days quoted cover period that plants are set outside to marketable stage. From seed, add 30 days more.

	1/2 oz.	Oz.	1/4 lb.	Lb.
Black Beauty. 80 days	\$0.35	\$0.60	\$2.00	\$6.00
Fort Myers Market. 85 days .....	.45	.80	2.70	8.00
New Hampshire Hybrid. 68 days .....	.45	.80	2.70	8.00

ENDIVE - Chicory

One ounce will sow 200 feet of row.

	Oz.	1/4 lb.	Lb.
Full-Hearted Batavian. 88 days	\$0.30	\$0.70	\$2.00

KOHLRABI

One ounce will sow about 200 feet of drill.

	Oz.	1/4 lb.	Lb.
Early White Vienna. 55 days	\$0.35	\$1.00	\$3.00

LEEK

One ounce will sow about 100 feet of drill.

	Oz.	1/4 lb.	Lb.
American Flag. 142 days	\$0.45	\$1.50	\$4.50
Giant Carentan. 150 days .....	.45	1.50	4.50

LETTUCE

One ounce will produce about 2,500 plants.

Heading Varieties

	Oz.	1/4 lb.	Lb.
Bibb. 60 days	\$0.30	\$0.85	\$2.50
Big Boston. 75 days .....	.30	.60	1.75
Great Lakes. 82 days. Bronze Medal, All-America Selections .....	.65	1.85	5.50
Imperial No. 44. 82 days .....	.65	1.85	5.50

Loose-Leaf or Cutting Varieties

	Oz.	1/4 lb.	Lb.
Grand Rapids. 43 days	\$0.30	\$0.65	\$2.00

MUSHROOM SPAWN

Pure Culture Brick Spawn

Per brick	\$0.55
Per 5 bricks	2.60
Per 10 bricks	5.00

OKRA - Gumbo

One ounce will sow 100 feet of drill.

	1/4 lb.	Lb.	5 lbs.
Dwarf-Stalked Long Green Pod. 52 days	\$0.35	\$1.00	\$4.50
Perkins Mammoth Long Pod. 64 days .....	.35	1.00	4.50

ONION

One ounce will sow 100 feet of row; 5 to 6 pounds an acre.
If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

	1/2 oz.	Oz.	1/4 lb.	Lb.
Bermuda White. 93 days.....	\$0.40	\$0.70	\$2.30	\$6.90
Sweet Spanish. Utah Strain. 110 days....	.40	.70	2.30	6.90
Yellow Globe Danvers. 110 days.....	.40	.70	2.30	6.90

ONION SETS

One pound will plant 50 feet of row; 8 bushels an acre. 32 lbs. per bu.
Shipped on local orders after March 15, unless otherwise requested.

White	Yellow	Shallots
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Prices on application.

PARSLEY

One ounce will sow 150 feet of row; 5 pounds, an acre.

	Oz.	1/4 lb.	Lb.
Champion Moss Curled. 70 days	\$0.30	\$0.80	\$2.25
Double Curled. 70 days .....	.30	.80	2.25
Plain or Single. 72 days .....	.30	.80	2.25

PEAS

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre.

Extra-Early Varieties

	Lb.	5 lbs.	25 lbs.
Alaska. 56 days	\$0.60	\$2.00	\$7.50
Gradus or Prosperity. 60 days .....	.60	2.25	8.75
Laxton's Progress. 62 days .....	.60	2.00	7.50
Little Marvel. 64 days .....	.60	2.00	7.50
Thomas Laxton. 62 days .....	.60	2.00	7.50

Second-Early and Late Varieties

Tall Telephone. (Alderman). 75 days60	2.00	7.50
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Sugar or Edible-Podded Peas

Dwarf Gray Sugar. 65 days60	2.25	8.75
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PEPPER,
California
Wonder

PEPPERS

One ounce will produce about 1,200 plants.

	½ oz.	Oz.	¼ lb.	Lb.
Bell or Bull Nose. 64 days. Special	\$0.35	\$0.65	\$2.20	\$6.50
California Wonder. 75 days. Sweet .....	.40	.75	2.70	7.50
Calwonder Early. 68 days .....	.40	.75	2.70	7.50
Hungarian Wax. Hot. 65 days .....	.50	.90	3.00	9.00
King of the North. 64 days .....	.35	.60	2.00	6.00
Large Red Cherry. Hot. 82 days .....	.45	.75	2.50	7.50
Long Red Cayenne. Hot. 70 days .....	.35	.60	2.00	6.00
Pimiento. 73 days. Sweet .....	.45	.75	2.50	7.50
Sweet Banana .....	.60	1.00	3.35	10.00
World Beater No. 13. 68 days. Sweet .....	.35	.60	2.00	6.00

PUMPKINS

One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre.

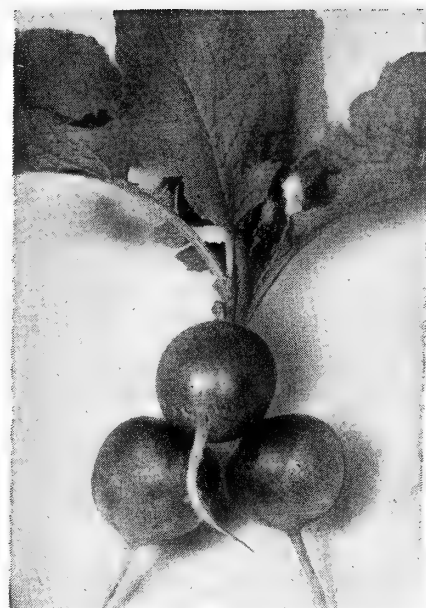
	Oz.	¼ lb.	Lb.
Connecticut Field. 118 days	\$0.25	\$0.85	\$2.50
Small Sugar. 110 days .....	.25	.85	2.50

VEGETABLES FOR FLAT SALES

Cabbage
Cauliflower

Celery
Eggplant

Peppers
Tomatoes



RADISH, Cherry Belle

RADISHES

One ounce will sow 75 feet of row; 8 to 10 pounds, an acre.

Early Varieties

	Oz.	¼ lb.	Lb.
Cherry Belle. Round and red as a Cherry, with short top. 25 days	\$0.25	\$0.50	\$1.50
Early Scarlet Globe. 25 days .....	.25	.45	1.35
Long White Icicle. 27 days .....	.25	.45	1.35

Summer and Winter Varieties

	¼ lb.	Lb.	5 lbs.	10 lbs.
Celestial or White Chinese. 60 days	\$0.45	\$1.25	\$6.00	\$11.25

RUTABAGA

	¼ lb.	Lb.	5 lbs.
American Purple-top Yellow. Special strain. 90 days	\$0.40	\$1.00	\$4.50

SALSIFY - Oyster Plant

One ounce will sow 50 feet of drill; 10 pounds, an acre.

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island. 160 days	\$0.50	\$1.50	\$4.50

SPINACH

One ounce will sow 75 feet of drill; 10 to 12 pounds, an acre.

	¼ lb.	Lb.	5 lbs.
Bloomsdale Long-Standing Savoy. 42 days	\$0.25	\$0.75	\$3.00
Virginia Blight-Resistant Savoy. 39 days .....	.25	.75	3.00
New Zealand. 70 days .....	.35	.85	3.50

SQUASH

One ounce will sow 20 to 50 hills; 3 to 4 pounds, an acre.

	Oz.	¼ lb.	Lb.
Early Prolific Straightneck. 50 days	\$0.30	\$0.85	\$2.35
Early Yellow Summer Crookneck. 52 days .....	.30	.85	2.35
Zucchini. 62 days .....	.30	.85	2.35

Fall and Winter Varieties

Boston Marrow. 97 days .....	.30	.85	2.35
Butternut. 90 days .....	.30	.85	2.35

SWISS CHARD - Spinach Beet

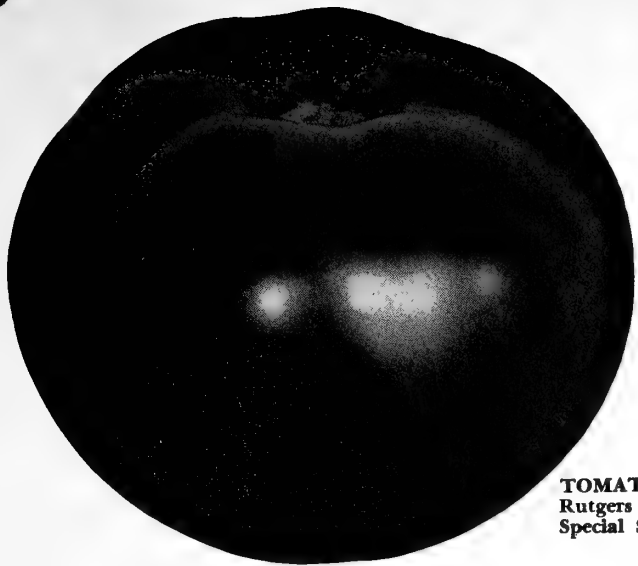
One ounce will sow a row about 50 feet long.

	Oz.	¼ lb.	Lb.
Giant Lucullus. 50 days	\$0.25	\$0.75	\$2.25

TURNIPS

One ounce will sow 100 feet of drill; 2 pounds an acre, broadcast.

	Oz.	¼ lb.	Lb.
Purple-Top White Globe. 57 days	\$0.25	\$0.40	\$1.25



TOMATO,
Rutgers
Special Strain

Hybrid Tomatoes

	Tr. pkt.	1/4 oz.	Oz.
Hybrid Early Prolific. 58 days. A true first-generation hybrid with excellent dark red fruit. 1/16 oz. \$4.00; 1/8 oz. \$6.00	\$1.40	\$10.00	\$35.00
Michell's Hybrid Early Delicious. 60 days. Heavy early yielder. Fruit medium large, color deep red, very smooth, uniform in shape and size. 1/16 oz. \$4.00; 1/8 oz. \$6.00	1.40	10.00	35.00
Michell's Hybrid Early Giant. 62 days. 1/16 oz. \$4.00; 1/8 oz. \$6.00	1.40	10.00	35.00
Michell's Hybrid Mr. Big. 72 days. Fruits are globular and slightly flattened, bright red, solid fleshed and excellent flavor. 1/16 oz. \$4.00; 1/8 oz. \$6.00	1.40	10.00	35.00
Hybrid Wonder Boy. 68 days. A new hybrid variety bred for extremely large size fruits and heavy yield. 1/16 oz. \$4.00; 1/8 oz. \$6.00	1.40	10.00	35.00

Forcing Tomatoes

	Tr. pkt.	1/16 oz.	1/8 oz.	1/4 oz.
Selandia. Very resistant to disease; early and prolific. The fruits are round, bright red	\$0.60	\$1.25	\$2.00	\$3.25
Michigan State Forcing. 75 days	\$0.25	\$0.50	\$1.50	\$4.50

TOMATOES

One ounce will produce 3500 plants; 1/4 pound, enough for an acre.

ALL VARIETIES OF TOMATOES MARKED "SPECIAL STRAIN" ARE CERTIFIED STOCK

Standard Varieties

	1/2 oz.	Oz.	1/4 lb.	Lb.
Bonny Best. 73 days	\$0.35	\$0.60	\$2.00	\$6.00
Break o' Day. 70 days	.45	.80	2.70	8.00
Beefsteak or Crimson Cushion. 90 days. Immense, crimson-scarlet, solid fruit	.55	1.00	3.30	9.00
Earliana (Penn State). 66 days	.50	.90	3.00	9.00
Golden Ponderosa. 88 days	.60	1.00	3.00	9.00
Jubilee. 72 days. Bright orange-yellow	.50	.90	3.00	9.00
Marglobe, Special Strain. 77 days. An extra-fine selection of the originator's stock	.60	1.00	3.25	10.00
Oxheart. 90 days	.65	1.10	3.50	10.50
Ponderosa. 88 days	.50	.90	3.00	9.00
Pritchard, Special Strain	.45	.75	2.50	7.50
Rutgers, Special Strain. 78 days	.50	.90	3.00	9.00
Stokesdale.	.50	.85	2.80	8.50
Stone. 85 days	.40	.65	2.25	6.50
Valiant. 66 days	.50	.90	3.00	9.00
Victor. 66 days	.45	.80	2.70	8.00

Small-Fruited Tomatoes

	1/4 oz.	Oz.	1/4 lb.
Red Cherry	\$0.25	\$0.75	\$2.50
Red Pear	.25	.75	2.50
Yellow Plum	.25	.75	2.50
Yellow Pear	.25	.75	2.50

WATERMELONS

One ounce will sow 30 hills; 4 pounds, an acre.

	Oz.	1/4 lb.	Lb.
Congo. 90 days. Bronze Medal, All-America Selections	\$0.40	\$1.20	\$3.50
Kleckley's Sweets. 85 days	.40	1.20	3.50
New Hampshire Midget. 67 days. Gold Medal, All-America Selections	.40	1.20	3.50

MICHELL'S LAWN SEED

"40% MERION MIXTURE"

For a lawn that stays greener in the summer, produces a thicker turf and withstands closer mowing. Will plant 2 1/2 times the area of regular grass seed.

Lb. (24 per case) \$39.60; retail, \$2.45. 5 lbs. (12 per case) \$96.00; retail, \$11.95. 25 lbs. \$38.85; 100 lbs. \$155.00.

"GREEN VELVET"

A blend of strong and permanent grasses suitable for the finest lawn. With proper care this mixture will produce a fine, deep-rooted turf, sturdy enough to withstand constant use.

Lb. (24 per case) \$24.00; retail, \$1.55.
5 lbs. (12 per case) \$60.00; retail, \$7.45.
25 lbs. \$23.85; 100 lbs. \$93.50.

"EVERGREEN"

This mixture will produce a very desirable turf of fine-bladed, hardy grasses capable of withstanding considerable wear and periodic dry spells.

Lb. (24 per case) \$21.60; retail, \$1.35.
5 lbs. (12 per case) \$51.60; retail, \$6.45.
25 lbs. \$20.50; 100 lbs. \$80.00.

"FAIRMOUNT PARK"

A mixture meeting the requirements of those desiring a moderately priced grass seed. Satisfactory for the average lawn.

Lb. (24 per case) \$15.60; retail, 98c. 5 lbs. (12 per case) \$37.80; retail, \$4.70. 25 lbs. \$14.70; 100 lbs. \$56.50.

"SHADED LAWN"

Will produce a healthy turf in heavily shaded places where other grasses may not survive.

Lb. (24 per case) \$21.60; retail, \$1.35. 5 lbs. (12 per case) \$51.60; retail, \$6.45. 25 lbs. \$20.50; 100 lbs. \$80.00.

Grasses in Separate Varieties

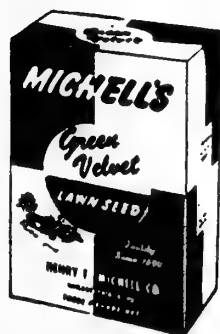
	100 lbs.
Colonial Bent, Certified Blue Tag	\$60.00
Seaside Bent, Certified Blue Tag	125.00
Highland Bent, Certified Blue Tag	38.00
Astoria Bent, Certified Blue Tag	60.00
Kentucky Blue Fancy	62.00
Merion Blue	220.00
Kentucky-31 Fescue	23.00
Chewings Fescue	54.00
Creeping Red Fescue	45.00
Poa Trivialis	42.00
Red Top Fancy	53.00
Rye, Domestic	17.00
Rye, Perennial	20.00

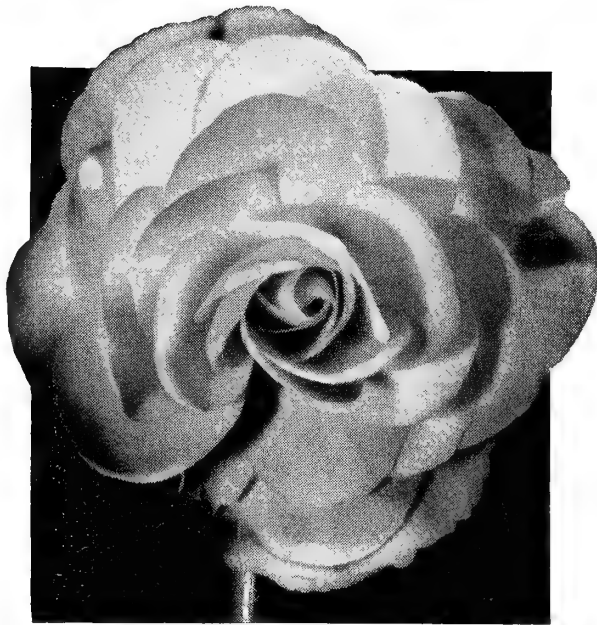
Special Quantity Prices Will Be Given on Large Orders.
ALL PRICES SUBJECT TO MARKET CHANGE.

WHITE DUTCH CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired.

1/4 lb. (24 per case) \$10.80; retail, 65c. 1/2 lb. (24 per case) \$18.00; retail, \$1.15. Lb. (12 per case) \$13.80; retail, \$1.75. 5 lbs. \$5.75; 10 lbs. \$11.30; 25 lbs. \$27.70.





TUBEROUS BEGONIA

CULTURE

Start forcing February, March or April, depending on when you want them to flower. Place bulbs in flats, using light porous soil, covering them to a depth of 1 inch above the bulb. Be careful in watering, keeping the soil just moist, too much water will rot the bulbs.

Transplant to 4-inch pots when plant begins to develop. If wanted in larger pots, shift when well rooted.

GLOXINIAS

(October-April Delivery)

An ideal pot plant for Mother's Day, Decoration Day, or for spring bedding, as they always command a good price.

Blanche de Meru. Pink.

Emperor Frederick. Huge red flowers bordered white.

Emperor William. Purple, bordered white.

Etoile de Feu. Scarlet.

Mont Blanc. White.

Roi des Rouges. Dark red.

Tigrina. Tigered and spotted.

Violacea. Purple.

Choice Mixed Colors.

1½- to 2-in. bulbs

25 for \$4.50; 100 for \$16.00; 1000 for \$150.00.

2- to 2½-in. bulbs

25 for \$6.00; 100 for \$22.50; 1000 for \$210.00



GLOXINIA

GLOXINIA CULTURE

Start bulbs in 4-inch pots using a mixture of leaf mold, sand, and a little well rotted cow manure with good bottom heat. As the leaves appear keep shaded and be very careful with the watering. It might be safer to use a watering can and examine each plant and do not water unless necessary. However, they like a moist soil, so make sure they do not get dry. Keep leaves dry although on a hot day they may be moistened early in morning, but do not wet them every day or you will lose them. While they want a little shade do not overdo it or you will get all foliage and no flower.

BEGONIAS - Tuberous Rooted

(December-May Delivery)

DOUBLE CAMELLIA-FLOWERED

BELGIAN GROWN

Delivery—December, May.

Orange, Pink, Salmon, Rose, Scarlet, Yellow, White, and Mixed

PRICES

	25	100	1000
1¼-1½ in.	\$2.00	\$ 6.25	\$ 52.00
1½-2 in.	3.00	11.00	95.00
2 -2½ in.	4.50	16.00	145.00

CALIFORNIA GROWN

(Double Ruffled Type)

Delivery—January, May.

White, Pink, Scarlet, Orange, Yellow, Salmon, Apricot, and Mixed

PRICES

	25	100	1000
1¼-1½ in.	\$3.00	\$10.50	\$ 95.00
1½-2 in.	5.00	17.50	157.50
2 -2½ in.	6.00	22.00	198.50

PENDULA or HANGING BASKET TYPE

(California Grown)

Available in mixed colors only.

1½ to 2 inches: 25 for \$5.50; \$18.50 per 100; \$165.00 per 1000.

2 in. up: 25 for \$6.50; \$23.50 per 100; \$210.00 per 1000.

NOVELTY TYPES

CALIFORNIA GROWN

The demand for the following types has been increasing each year, and every progressive florist should grow some of each. The supply of these is always on the short side, therefore we recommend placing your orders as early as possible.

Picotee (Double Marginata), Mixed

A ruffled double blossom with different color edges.

Carnation-Flowered, Mixed

Petals are frilled and have serrated edges.

Crispa Single Frilled), Mixed

Produces large frilled and ruffled flowers in single form. Free flowering.

Marginata, Mixed

A Crispa-type flower with margin in a different color.

Multiflora Gigantea, Mixed

This new strain produces large numbers of medium size blooms of good form.

Daffodil-Flowered

Offered in a mixture of yellow, salmon, orange, and scarlet.

Prices of any of the above:

	25	100	1000
1½-2 inches	\$5.00	\$18.50	\$165.00
2 -2½ inches	6.50	23.50	210.00

DISPLAY CASES FOR RETAIL SALES

Summer Flowering Bulbs for Spring Planting Available for Delivery First Week in March
(First Week of February for Southern Areas)

We are offering below a complete assortment of Spring Bulb Display Cases which will enable you to carry a wider assortment of material without any larger increase in your inventory.

Each unit is complete with planting instructions and advertising material, and all bulbs are of top quality and size—just open the case and you are ready for business.

GLADIOLUS—Top Size, Jumbo Bulbs

Collection No. 1

700 bulbs—175 each of the following four varieties:
Lavender Dream. Lavender. **Firebird.** Geranium-red.
Cinderella. Pink. **Snow Princess.** Pure white.

Collection No. 2

700 bulbs—175 each of the following four varieties:
Atlantic. Garnet-red. **Hawaii.** Mahogany-red.
Pacific. Pink. **Pactolus.** Creamy pink; red spot.

Collection No. 3

700 bulbs—175 each of the following four varieties:
Memorial Day. Rosy magenta. **Ruffled Champion.** Ruffled pink.
Sans Souci. Scarlet. **Flower Song.** Yellow.

Each of the above three collections:

Approximate weight per case 60 lbs.

Average cost per bulb, .04 each; suggested retail, \$1.25 dozen.

Your profit per case, \$45.50 Your cost \$27.50.

Small Collection

Available in any of the above three.

Consisting of 340 bulbs—85 each of varieties as listed—\$14.00.

PACKAGED GLADIOLUS

12 Jumbo Bulbs—Mixed Colors

In attractive colored polyethylene bag. Packed 25 bags to the carton, with four-color display poster included.

Approximate weight 30 lbs.

Cost per package, 54c; suggested retail, \$1.25.

Your profit per case, \$17.75. Your cost, \$13.50.

COMPLETE GLADIOLUS GARDEN

20 Jumbo Bulbs—5 each of 4 colors

Red Yellow Pink Violet

In illustrated color carton

Packed 25 boxes to the carton \$21.00

Approximate weight 30 lbs.

Packed 50 boxes to the carton 41.25

Approximate weight 60 lbs.

Your cost, .82½ per box Suggested retail, \$1.50 per box

DAHLIAS

Decorative Collection

120 top size undivided tubers—30 each of the following varieties:

Red Master. Red.

Pink Delight. Pink.

Golden Leader. Yellow.

Blizzard. White.

Cactus Collection

120 top size, undivided tubers—30 each of the following four varieties:

Firefly. Red.

Purity. White.

Rose Tendre. Pink.

Rising Sun. Yellow.

Pompon Collection

120 top size, undivided tubers—30 each of the following four colors:

Red Pink Yellow White Purple and Lavender (10 each)

Each of the above three collections:

Approximate weight per case 40 lbs.

Average cost per tuber, .20 each; suggested retail, .50 each.

Your profit per case, \$36.25. Your cost, \$23.75.



BEGONIAS—Imported

Camellia-Flowered Collection

300 Jumbo bulbs—50 each of the following six colors:

Red

Pink

Yellow

White

Orange

Dark Red

Approximate weight per case 40 lbs.

Average cost per bulb .18 each; suggested retail, \$3.75 dozen.

Your profit per case, \$39.75. Your cost, \$54.00.

Small Collection

Consists of 30 each of above 6 colors, \$34.00.

Carnation-Flowered Collection

180 Jumbo bulbs—30 each of the following six colors:

Red

Pink

Yellow

White

Orange

Dark Red

Approximate weight per case 35 lbs.

Average cost per bulb .19¾ each; suggested retail, \$4.50 dozen.

Your profit per case, \$31.50. Your cost, \$36.00.

BEGONIAS—California-Grown

Double Camellia or Ruffled Collection

150 2- to 2½-in. bulbs—30 each of five colors.

Approximate weight per case 40 lbs.

Average cost per bulb, .23 each; suggested retail, \$4.50 dozen.

Your profit per case, \$20.25. Your cost, \$34.50.

200 1½- to 2-in. bulbs—40 each of five colors.

Approximate weight per case 50 lbs.

Average cost per bulb, .17¼ each; suggested retail, \$3.50 dozen.

Your profit per case, \$23.84. Your cost \$34.50.

Hanging Basket Collection

150 2- to 2½ in. bulbs—30 each of 5 colors.

Approximate weight per case 40 lbs.

Average cost per bulb, .25 each; suggested retail, \$5.00 doz.

Your profit per case, \$25.00. Your cost, \$37.50.

200 1½ to 2 in. bulbs—40 each of 5 colors.

Approximate weight per case 50 lbs.

Average cost per bulb, .18¼ each; suggested retail, \$4.00 doz.

Your profit per case, \$29.16. Your cost, \$37.50.

CALADIUMS

Fancy Leaved Collection

150 1½- to 2½-in. bulbs—25 each of six popular varieties.

Display case measures 23x7x15 inches, with a colored streamer laminated to the inside cover illustrating the respective varieties.

Approximate weight per case 35 lbs.

Average cost per bulb, .16½ each; suggested retail, .35.

Your profit per case, \$27.75. Your cost, \$24.75.

HARDY LILIES

This collection consists of the best and most popular Lilies packed in special cases, with partitions between the varieties.

Popular Collection

80 9- to 10-in. bulbs as follows:

20 Improved Regale 20 Speciosum Rubrum

40 Croft (Easter Lily)

Approximate weight per case 50 lbs.

Average cost per bulb, .37 each; suggested retail, .70 each.

Your profit per case, \$26.00. Your cost, \$30.00.

Michell's

Fancy
Leaved

CALADIUMS

Place Your Order Now for Delivery Throughout the Year

The popularity of Caladiums has increased rapidly in the past few years and we feel confident it will continue.

Caladiums are not only being used more for Easter and Mother's Day, but many growers are planting them every month from December till September. Bulbs planted after June 1 are usually salable within 6-8 weeks.

The following is a selected list of the better Caladium varieties available today. These are the popular favorites that have proven their worth to the leading wholesale pot plant growers throughout the country.



FANCY-LEAVED CALADIUMS

	25	100	1000
Mammoth. 3½ in and up	\$10.00	\$37.50	\$350.00
Jumbo. 2½ to 3½ in.	7.50	27.50	260.00
No. 1. 1½ to 2½ in.	5.50	18.00	170.00
No. 2. 1 to 1½ in.	3.00	11.00	100.00

Write for Illustrated Color Folder with Complete List of Varieties.

WHITE SHADES

Aaron. Cream-white with green border; medium tall, adequate leafer.

***Candidum.** Showy white leaf, slightly traced with dark green veins. The most popular Caladium today. Medium height, extremely heavy leafer.

Improved Marie Moir. Showy white leaf with scattered bright red spots, slightly traced with dark green veins. Medium large leaves.

RED SHADES

Dr. T. L. Meade. A striking dark red-bronze. Very popular, in a class by itself. Medium height and heavy leafer.

Festivia. Bright rose-red with green veins. Does best in warm weather. Improvement over Lord Derby with deeper color and leaves do not crinkle.

Freida Hemple. Most popular red Caladium today. Low growing, extremely compact and very heavy leafer. Glossy red heart surrounded by green border. This should be included on every order.

Itacapus. Metallic red with slightly traced dark green ribs. An old favorite, still extremely popular. Medium tall with large leaves.

Lord Rosenbury. Light red-rose center with light green border. Very compact and low growing. Extremely heavy leafer. A limited quantity should be included on all orders.

Pocile Anglais. Red heart with broad, moss-green border; scarlet veins. Compact, low-growing, very heavy leafer.

Ruby Smith. Bright red with green blotchings. Medium height and good leafer.

Thomas Tomlinson. Glossy moss-green leaves; transparent lacquered in center. Old variety, still popular. Low growing, compact, very heavy leafer. Does best when grown fast at high temperatures.

PINK SHADES

Carolyn Wharton. Colorful pink blotched variety with dark green etchings. Relatively new, medium low growing; adequate leafer.

Dr. Groover. Rose-pink with green blotchings. Medium to low growing, good leafer.

Fannie Munson. Light pink with darker veins. Large leaves, medium height. Does best in warm weather.

Freckles. Popular new pink. Small leaves, extremely bushy. Dark pink ribbings and light pink blotches. Low compact grower.

Gail Dee. Light pink with green blotchings. Medium height and good leafer.

Kathleen. New, popular variety. Very light pink center surrounded by light green margin. Low, compact, small leaves, heavy producer.

Pink Beauty. Pink with green blotchings, and dark red ribbing. Small leaf, low growing and good producer.

New Crop Ready in December.

CANNA ROOTS

(January-April Delivery)

Large-Flowering—Extra Strong (2-5 eyes)

Our Canna roots are healthy, strong northern grown stock. They are absolutely true to name and contain plenty of eyes. The varieties listed below have proven to be the best for large-flowering, exhibition type blooms.

Ambassador. A brilliant cherry-red with bronze foliage. An extra good flower that blooms early. Grows about 4 feet.

City of Portland. Large, deep, glowing pink. Profuse bloomer with green foliage 3½ feet high. Will not fade.

Hungaria. Large flowers of a rich peach-blossom-pink. Growing habit is compact with green foliage about 3½ feet high.

King Humbert. One of the greatest favorites in Cannas. Flower heads of brilliant scarlet on bronze foliage of 4½ feet. Majestic in growth and appearance.

Richard Wallace. Beautiful light yellow flowers on green foliage about 4½ feet. Good bloomer that makes an attractive plant.

The President. One of the most popular of all Cannas. Large flowering scarlet flowers with deep green foliage. The leading red variety in quantity and quality of blooms. A top notch performer. Foliage does not burn in the hottest weather. 4 feet.

Yellow King Humbert. Gorgeous flowers of rich golden yellow, spotted with bright red. Very beautiful and striking. Green foliage. 4½ feet.

Each of the above: 25 for \$2.25; 100 for \$7.00; 1000 for \$60.00.



Michell's Top Quality GLADIOLUS

(January-June Delivery)

American Grown

Minimum Order 100 Bulbs of a Variety

All Bulbs are High Crown, Clean and Free From Disease and Thrip

PINK, SALMON and ROSE

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
Ethel Cave Cole. Large, light pink	\$3.30	\$30.00	\$2.65	\$24.00
Friendship. Early, medium pink, nicely ruffled	3.30	30.00	2.65	24.00
Innocence. Light rosy pink, ruffled.	4.00	37.50	3.30	30.00
Leeuwenhorst. Early, large light rose-pink	3.30	30.00	2.65	24.00
Picardy. Delicate apricot-pink	4.00	37.50	3.30	30.00
Polynesia. Pure salmon, yellow throat	4.00	37.50	3.30	30.00
Spic and Span. Ruffled bright pink	3.75	35.00	3.00	28.00
Tivoli. Salmon-rose-pink	3.30	30.00	2.65	24.00

RED and MAROON

Boulogne. Silky wine-red.	3.30	30.00	2.65	24.00
Burma. Giant deep rose-red, heavily ruffled.	4.00	37.50	3.30	30.00
Pallet. Scarlet with blue throat	3.30	30.00	2.65	24.00
Red Charm. Bright medium red	3.30	30.00	2.65	24.00
Red Radiance. Huge bright scarlet, superior to Red Wing	3.75	35.00	3.00	28.00
Sans Souci. Tall rugged grower, color similar to Red Charm	3.30	30.00	2.65	24.00
Valeria. Clear red with silky sheen	3.60	33.00	2.85	26.00

WHITE and CREAM

Florence Nightingale. Best white, slightly ruffled	3.30	30.00	2.65	24.00
June Bells. Large white, excellent variety	3.30	30.00	2.65	24.00
Margaret Beaton. Clear white, orange-red blotch	3.30	30.00	2.65	24.00
Mother Fischer. One of the most outstanding whites	3.75	35.00	3.00	28.00
Polygoon. Cream with red throat, superior to Salman's Glory	3.30	30.00	2.65	24.00
Snow Princess. Pure white, similar to Maid of Orleans	3.30	30.00	2.65	24.00

YELLOW and ORANGE

Gatineau. Large orange, golden throat. Superior to Betty Duncan	3.30	30.00	2.65	24.50
Gene. Ruffled medium yellow	3.30	30.00	2.65	24.00
Hopman's Glory. Popular yellow	3.30	30.00	2.65	24.00
Pactolus. Apricot-cream, orange-red blotches	3.30	30.00	2.65	24.00
Spotlight. Pure yellow with scarlet blotch in throat	4.00	37.50	3.30	30.00

LAVENDER, BLUE and PURPLE

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
Benjamin Britten. Deep lavender, white stripe	\$3.30	\$30.00	\$2.65	\$24.00
Elizabeth the Queen. Light lavender with deeper throat	3.30	30.00	2.65	24.00
Salmans Sensation. Large, medium deep blue	4.00	37.50	3.30	30.00
The Rajah. Outstanding new deep purple	3.30	30.00	2.65	24.00



LEEUEWENHORST

SMOKY

	No. 1 1½"-2"		No. 2 1¼"-1½"	
	100	1000	100	1000
Dusk. Smoky old rose with distinctive cream lines	\$3.85	\$36.00	\$3.30	\$30.00

MIXED

Michell's Giant Flowering.	3.30	30.00	2.50	22.50
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MICHELL'S GLADIOLUS COMBINATIONS

We suggest planting every two weeks to assure succession of bloom.

Each variety separately packed and labeled in a complete color range.

If sold out we will substitute with others of equal or better quality and value. All bulbs No. 1 size.

For Cut Flowers

Elizabeth the Queen	Snow Princess
Friendship	Spic and Span
Gene	The Rajah
Mother Fischer	Tivoli
Sans Souci	Valeria

1,000 bulbs—100 each above 10 varieties—Special Price \$31.50.

For the Home Garden

Burma	Friendship
Boulogne	Spic and Span
Dusk	Spotlight
Florence Nightingale	The Rajah

800 bulbs—100 each of above 8 varieties—Special Price \$26.50.

Michell's Superior LILIES

Each year, every effort is made to secure for our customers a selection of the best strains of Lily bulbs which measure up to MICHELL'S traditionally high standards.

Place your order with us in confidence, and be assured the finest quality. In order that we may reserve some of our best stock for you this fall, we suggest that you check your needs, and place your order NOW.

These prices do not apply to Lilies shipped in fall 1960.



CROFT LILIES

CROFT LILIES

(November-January Delivery)

A sturdy plant with luxuriant foliage, it is free flowering, with enormous, well developed blooms of long lasting quality.

	Case
7 to 8 inch, 250 bulbs per case	\$60.00
8 to 9 inch, 200 bulbs per case	80.00
9 to 10 inch, 150 bulbs per case	72.00
10 inch and up, 100 bulbs per case	60.00

"HARDY" LILIES

Hardy Lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained; in fact, if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many early blooms.

Lilium Auratum

(January-April Delivery)

(Gold-Band Lily)

Pure white spotted crimson marked in the center with a band of yellow. Fragrant.	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	28.00	35.00
10 to 11 inch, 100 bulbs per case	9.50		35.00
11 to 13 inch, 90 bulbs per case	10.00		33.50

Lilium Speciosum Rubrum

(Japanese-Grown)

(January-June Delivery)

	25	100	Case
8 to 9 inch, 200 bulbs per case	\$5.50	\$20.00	\$35.00
9 to 10 inch, 140 bulbs per case	7.50	27.50	35.00
10 to 11 inch, 100 bulbs per case	9.75		35.00
11 to 13 inch, 90 bulbs per case	10.50		35.00
13 to 15 inch, 50 bulbs per case	20.00		35.00

Lilium Regale

(November-April Delivery)

	25	100	Case
6 to 7 inch, 400 bulbs per case	\$5.50	\$18.00	\$60.00
7 to 8 inch, 250 bulbs per case	7.00	25.00	54.00
8 to 9 inch, 200 bulbs per case	8.00	30.00	54.00
9 to 10 inch, 150 bulbs per case	8.75	33.50	46.00
10 to 11 inch, 100 bulbs per case	9.25		34.50

Fire King. (October-April Delivery.) Orange-red; large blooms. 7/8 inch 11.00 40.00

Lily-of-the-Valley Pips

(October-April Delivery)

Outdoor planting only. Bundles contain 25 pips, with good root growth. 25 for \$1.50; \$5.00 per 100; \$40.00 per 1000.

ALL PRICES SUBJECT TO MARKET CHANGES

ACE LILIES

(November-January Delivery)

Similar in color and habit to the Lilium Croft with luxuriant darker green foliage. A very strong grower and prolific bloomer.

	Case
7 to 8 in., 250 bulbs per case	\$80.00
8 to 9 in., 200 bulbs per case	92.50
9 to 10 in., 150 bulbs per case	82.50

LILIUM ESTATE

(November-April Delivery)

The ideal forcing Lily for cut; also, recommended for outdoor planting.

	Case
7 to 8 inch, 250 bulbs per case	\$50.00
8 to 9 inch, 200 bulbs per case	70.00
9 to 10 inch, 150 bulbs per case	67.50

ERABU LILIES

Grown in Japan.

(September-January Delivery)

	Case
7 to 9 inch, 300 bulbs per case	\$39.00
8 to 10 inch, 225 bulbs per case	37.00
9 to 10 inch, 200 bulbs per case	Sold Out
10 to 11 inch, 150 bulbs per case	Sold Out

GEORGIA LILIES

(September-April Delivery)

Large trumpets of pure white, heavy texture. Tall and strong growers. Very free flowering; produces lots of blooms even from small bulbs. Likes cool temperatures. Ideal for cut flowers.

	Case
6 to 7 in., 300 bulbs per case	\$55.00
7 to 8 in., 250 bulbs per case	65.00
8 to 9 in., 200 bulbs per case	65.00

Lilium Formosanum—White Excelsior

(October-April Delivery)

Fragrant, pure white flowers resemble an Easter Lily.

	25	100	1000
4 to 5 inch	\$3.50	\$11.50	\$98.50
5 to 6 inch	4.00	13.50	125.00

Tenuifolium. (Coral Lily.) October-April delivery.

Clusters of brilliant scarlet, star-like flowers on wiry stems 1½ ft. high.

	2.00	6.00	50.00
3 to 4 inch			
4 in. up	2.50	8.00	70.00

CALLA LILIES

(November-May Delivery)

These make excellent pot plants, which always find a ready sale.

Yellow Calla (Elliottiana) (True)

	25	100	1000
1¾ to 2 in.	\$ 3.75	\$12.50	\$112.50
2 to 2½ in.	4.25	15.00	135.00
2½ to 3 in.	8.75	33.50	310.00
3 in up	15.00	50.00	450.00

Pink Calla (Rehmanii)

Grows a foot tall. Long lasting, rose-pink flowers.

	25	100	1000
2-2½ inch	\$5.50	\$20.00	\$187.50

Spotted Calla (Alba Maculata)

Flowers white. Foliage green, spotted white.

	25	100	1000
2-2½ in.	\$5.00	\$17.50	\$165.00



AMARYLLIS

AMARYLLIS

Michell's American Hybrids

Ready for Delivery October through April

We consider this strain one of the best on the market. Every florist should grow some of these, as there is a tremendous demand for them as a pot plant as well as for dry sales.

	10	25	100
3½-3¾ inch.....	\$6.25	\$14.50	\$55.00
3-3¼ inch.....	5.00	11.00	42.50
2½-2¾ inch.....	2.50	5.50	20.00

Michell's Dutch Hybrids

(Delivery November-March)

We can offer a limited number per customer of these named to color bulbs. An extra select strain of truly magnificent bulbs that produce gigantic flowers. Available in White, Scarlet, Salmon, Orange, and Striped.

	10	25
30-32 ctm. bulbs.....	\$27.50	\$66.25

Halli (Hardy Amaryllis)

(September-April Delivery)

	25	100
Clusters of delicate pink flowers.....	\$5.00	\$17.50

CALADIUM ESCULENTUM

(Elephant's Ear)

(January-April Delivery)

	25	100
7 to 9 in.	\$3.50	\$12.00
9 to 11 in.	5.00	17.50

GLORIOSA ROTHSCILDIANA SUPERBA

Available every month of the year.

Reaches a height of 6 to 8 feet and produces large, gorgeous, Lily-like flowers which open bright yellow, but change to a deep scarlet.

	10	25	100
4 to 5 in.	\$4.00	\$ 8.75	\$32.50
5 to 6 in.	5.00	11.00	40.00
6 to 7 in.	5.75	13.25	50.00
7 in. up	7.00	16.75	65.00

TIGRIDIA PAVONIA

(Mexican Shell-Flower)

(January-May Delivery)

Colors vary from pure white to gold and vivid scarlet—all deeply blotched.

	25	100	1000
Hybrids, Mixed. Jumbo.....	\$2.50	\$8.50	\$75.00

TUBEROSES

(January-May Delivery)

Florists should grow more of these, as they are profitable and of late have been in good demand in early fall.

	25	100	1000
Albino or Mexican. Single; white. 3 to 4 inch ..	\$1.75	\$6.00	\$56.50
Double Pearl. Double white.			
First-size bulbs, 4 to 6 inch	1.75	6.00	56.50
Top-size bulbs, 6 to 8 inch	3.50	12.00	100.00

Easter April 17, 1960
Mother's Day May 8, 1960

Dahlias

(December-May Delivery)

Large Flowering

Decorative Varieties

I.D., Informal Decorative; F.D., Formal Decorative.

	10	100
Arthur Godfrey. F.D. Large flowers. Red and buff	\$5.75	\$52.00
California Idol. I.D. Large, clear bright yellow	4.00	35.00
Commando. F.D. Deep lavender, garden variety	3.25	25.00
D. Day. F.D. Solid colored true pink commercial	3.25	25.00
Deep Velvet. F.D. Rich carmine with dark velvety sheen.	5.75	52.00
Florist Beauty. F.D. Bi-color. Purple with white tips ..	4.00	35.00
Francis La Rocco Improved. F.D. Deep yellow	2.75	20.00
Gallant Fox. F.D. Leading commercial red. Withstands hot weather	2.50	17.50
Golden Eclipse. F.D. Old favorite, golden yellow shading to warm salmon	2.50	17.50
Jane Cowl. I.D. Large shaggy flowers of copper and gold	4.00	35.00
Jean Kerr. F.D. Popular commercial white	2.00	15.00
Jersey's Beauty. F.D. Outstanding commercial pink ...	4.00	35.00
Jersey's White Beauty. F.D. Pure white, good keeper ..	2.75	20.00
Kelvin. I.D. Large flowers, peach-pink	5.75	52.00
Mrs. George LeBoutellier. I.D. Rich velvety carmine ..	2.50	17.50
Mrs. James Albin. F.D. Soft lemon-yellow	3.25	25.00
Sherwood Peach. I.D. Large, orange-apricot	4.00	35.00
Watchung Giant. I.D. Deep amber-yellow. Good stems	2.50	17.50
White King. F.D. Leading commercial white	2.50	17.50

Cactus Varieties

C., Cactus; S.C., Semi-Cactus; I.C., Incurred Cactus.

	10	100
Broeder Justinus. S.C. Autumnal orange-yellow. Good commercial variety	\$4.00	\$35.00
General J. J. Pershing. S.C. Coral and jasper-red with chrome finish	5.75	52.00
Her Grace. C. Outstanding true pink cactus. Free flowering	4.75	40.00
Madame Elizabeth Sawyer. C. Finest lavender cactus ..	4.00	35.00
Sheik. S.C. Pink shading to cream-white	4.00	35.00
Skyrocket. S.C. Bright scarlet. Large flowers with perfect form	5.50	47.50
White Superior. C. Large pure white with perfect form	4.00	35.00
Yellow Star. C. Outstanding pure yellow. Free flowering, wiry stem	4.00	35.00

Pompon Varieties

	10	100
Betty Ann. A nice soft pink	\$3.25	\$27.50
Bronze Beauty. Bronze and old gold. Good commercial variety	2.25	17.50
Cardinal. Tall growing, medium size deep red flowers ...	2.25	17.50
Little Herman. Red and white bicolor. Perfect form and shape	2.25	17.50
Little Snow White. Finest white pompon	3.25	27.50
Morning Mist. White tipped lavender	2.00	15.00
Rothout. Deep scarlet, long strong stems	2.50	20.00
Sherry. Deep petunia-purple, very attractive	3.00	25.00
Yellow Gem. Creamy yellow, considered best in its color	2.00	15.00

Miniature Varieties

	10	100
Andries Orange. Bright orange miniature cactus	\$2.75	\$25.00
Bishop of Llandaff. Bright scarlet, bronze foliage	2.75	25.00
Corinna. Canary-yellow. Formal decorative	2.50	22.50
Dainty Ball. Delicate lavender. Free flowering	2.75	25.00
Ike. Rich red, very profuse	2.25	20.00
Little Roseata. One of the best cut flower miniatures. Soft pink	2.50	22.50
Sandra. Red and white formal bicolor	2.75	25.00
White Fawn. Finest white decorative. Free flowering ...	2.00	17.50



FIELD OF SANSEVIERIA GROWING AT ONE OF OUR PUERTO RICAN SOURCES

From Puerto Rico

AGLAONEMA

Commutatum (Variegated Evergreen).	100	1000
4-6 in. URC	\$12.00	\$105.00
Marantifolia.		
8-12 in. URC	24.00	200.00
Roebelinii (Schismatoglottis).		
8-12 in. URC	25.00	225.00
Simplex (Chinese Evergreen).		
Unrooted cuttings.		
4-6 in.	6.25	55.00
6-8 in.	7.50	67.50
8-10 in.	9.50	80.00
10-12 in.	10.50	95.00
12-15 in.	12.00	105.00
RC in foil, 6-8 in.	12.00	100.00
RC in foil, 8-12 in.	14.00	120.00
Treubi.		
RC in foil, 6-8 in.	22.50	200.00
RC in foil, 8-10 in.	22.50	200.00
URC 8-12 in.	20.00	175.00

ARALIA

Balfouriana.		
6-8 in. URC	7.50	65.00
Pennocki.		
8-12 in. URC	25.00	200.00

CROTONS

URC, 8-10 in.	75.00
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CRYPTANTHUS

Terminalis.		
Unrooted cuttings.		
4-6 in.	5.50	47.50
6-8 in.	7.00	55.00
8-12 in.	7.50	67.50
1 1/4-in. pots	10.00	90.00



DRACAENA MASSANGEANA
and
PHILODENDRON
CORDATUM

Puerto Rico U. S. A.

6 Hours
From New York
4 Hours From Miami

Direct Air Service
to Major Cities
of Midwest

The demand for top quality foliage plants is still ever increasing as these decorative plants are being used more and more by the public to beautify homes, offices and industrial buildings. We pride ourselves in keeping abreast of this dynamic market and our knowledge of the industry requires our suppliers to ship only the finest quality plants to our customers.

Orders placed well in advance of shipping date is your best guarantee of receiving the plants at the time you need them.

The native habitat of the foliage plant is the tropics and it is certainly best to match these environmental conditions in your greenhouse as closely as you are able. Keep the following factors in mind:

Temperature—Should not be lower than 70°F, preferably 75°F. Never place a foliage shipment in a 50° or 60° house. A setback will result and the plants will recover slowly, if at all.

Humidity—A high humidity of 75 to 80 per cent is desirable for most plants (Peperomia, Sansevieria, Cacti and Succulents excepted).

Light—1000 foot candles for most plants. (This would be approximately the intensity of a house shaded for Saintpaulia).

Soil—A high percentage of organic matter is required. Half of this mixture should be acid peat or leaf mold. Mix in a complete organic fertilizer. Later applications of liquid nitrogenous fertilizers promote good, healthy growth.

Water—It is not advisable to water rooted cuttings and small potted plants that have just arrived. Pot in a moist soil-peat mixture. Within a few days the plants will have become established with new root growth forming. Regular watering can then begin.

DRACAENA

Godseffiana.		
Unrooted cuttings.	100	1000
2 sets leaves	\$ 6.25	\$ 52.50
3 sets leaves	7.50	65.00
Rooted Cuttings, 2 sets leaves	9.00	80.00
3 sets leaves	10.50	90.00
2-in. pots, 2 tips		140.00
2-in. pots, 3 tips	17.00	150.00

Sanderiana.		
Unrooted cuttings.		
3-4 in.	7.50	67.50
4-6 in.	7.50	67.50
6-8 in.	7.50	67.50
8-12 in.	7.50	67.50
12-15 in.	7.50	67.50
Rooted Cuttings.		
4-6 in.	9.50	82.50
6-8 in.	9.50	82.50
8-12 in.	9.50	82.50
12-15 in.	9.50	82.50
1 1/4-in. pots (4-6 or 6-8)	12.00	110.00

Marginata.		
6-8 in. URC	12.00	100.00

Massangeana.		
8-12 in. URC	22.00	190.00
2 1/4-in. pots	27.50	240.00

Warnecki. Unrooted cuttings.		
6-8 in.	18.50	165.00
8-12 in.	23.00	195.00
12-15 in.	26.00	235.00
15-18 in.	30.00	265.00

Rooted Cuttings.		
6-8 in.	20.00	190.00
8-12 in.	28.00	250.00
2 1/4-in. pots	30.00	275.00

FOLIAGE PLANTS

DIEFFENBACHIA

	100	1000
Amoena. 3-in. pots	\$50.00	\$475.00
Picta.		
6-8 in. URC		110.00
8-12 in. URC		110.00
Roehrsi.		
6-8 in. URC	24.00	190.00
8-12 in. URC	24.00	200.00
Exotica. URC 8-12 in.	40.00	350.00

FICUS

Mossed Layers

Doescheri. 15-18 in.		
8-9 leaves	47.00	425.00
Decora.		
15 in., 5-6 leaves	50.00	425.00
24-28 in., 9-11 leaves	70.00	675.00
Pandurata.		
15-18 in., 7-8 leaves	67.50	600.00

MARANTA

Kerchoveana.		
Unrooted cuttings	7.00	62.50
2 1/4 in.	15.00	135.00

NEPHTHYTIS

Green Gold. RC. 3-5 leaves	6.25	52.50
2 1/4 in. (2 plants)	15.00	135.00
Eyes. Min. order 5,000		80.00
Snow Queen. RC. 3-5 leaves	6.25	52.50
Emerald Gem. RC. 3-5 leaves	5.00	45.00
2 1/4-in. pots, 2 tips	13.00	110.00
Imperial. RC. 3-5 leaves	6.25	52.50
2 1/4 in.	15.00	135.00

PHILODENDRON

Cordatum.	100	1000
Propagating Eyes, Small	2 M {	\$10.00
Eyes Medium		
Eyes Large		
Started eyes, 1500 per carton (6,000)	Min. {	13.00
2 1/4-in. pots, 3 and 4 plants		17.00
3 in. sq. plastic, 3 to 4 plants		25.00
Out of pot		22.50
Pertusum.		
Moss rooted cuttings.		
4-5 leaves	72.50	675.00
Panduraeforme.		
8-12 in. URC	14.50	125.00
2 1/4-in. pots, 1 tip	22.50	190.00
2 1/4-in. pots, 2 tips	33.50	300.00
Hastatum		
8-12 in. URC, 3-4 leaves	23.50	215.00
8-12 in. URC, 4 leaves	26.00	240.00
12-15 in. URC, 4 leaves	30.00	275.00
2 1/2-in. pots, 8-12 in.	30.00	275.00
Mandianum.		
8-12 in. URC	27.50	250.00
12-15 in. URC	33.50	310.00
2 1/4-in. pots, 8-12 in.	33.50	310.00

PROPAGATING MATERIAL

DIEFFENBACHIA CANE

Picta \$25.00 per 100 ft.; \$225.00 per 1000 ft.
Roehrsi \$50.00 per 100 ft.; \$450.00 per 1000 ft.

DRACAENA CANE

Massangeana, Frangens.
 \$17.00 per 100 ft.; \$145.00 per 1000 ft.
Eugene Andre, Firebrand, Stricta Grandis, Baptisti, Tricolor.
 \$22.00 per 100 ft.; \$190.00 per 1000 ft.
 (Cut in specific lengths, add \$2.00 per 100 ft.)

AGLAONEMA Simplex, CANE

\$17.00 per 100 ft.; \$135.00 per 1000 ft.

PHILODENDRON, PROPAGATING EYES

Micans. (2,000 Minimum).
 \$14.00 per 1000.



PHILODENDRON PERTUSUM STOCK BEDS

POTHOS

Marble Queen.	100	1000
Propagating Eyes		\$ 14.00
Started Eyes		25.00
(6,000)		22.50
2 1/4-in. pots, 3 tips	17.00	150.00
Tri-Color.		
Propagating Eyes		14.00
2 1/4-in. pots, 3 tips	16.00	140.00
3-in. pot, 4 and 5 plants		170.00
Wilcoxi.		
Started Eyes (2M Min.)		25.00
(6,000)		22.50
2 1/4-in. pots	16.00	140.00

SANSEVIERIA

COMPACTA. 3-5 leaves.		
6-8 in.	11.00	90.00
8-12 in.	13.00	105.00
LAURENTI. 2 leaves		
8-12 in.	7.50	57.50
12-15 in.	7.50	57.50
15-18 in.	7.50	57.50
LAURENTI. 3-5 leaves.		
6-8 in.	11.50	95.00
8-12 in.	12.50	105.00
12-15 in.	12.50	105.00
15-18 in.	13.50	115.00
18-24 in.	15.00	130.00
24-30 in.	17.00	145.00
ROSETTES. 4-6 leaves.		
6-8 in.	12.00	100.00
ZEYLANICA. 3-5 leaves.		
6-8 in.	6.00	50.00
8-12 in.	6.50	50.00
12-15 in.	9.00	57.50
15-18 in.	9.50	67.50
18-30 in.	16.00	140.00



DRACAENA GODSEFFIANA



DRACAENA SANDERIANA



DRACAENA WARNECKII

Prices F.O.B. San Juan, Puerto Rico. Specify phone number and nearest airport. Shipments go by Air Freight to Miami or New York, and then Rail Express or Air Freight to destination. Heavy shipments of CANE and SANSEVIERIA via boat. 500 of an item supplied at 1000 rate. We suggest Puerto Rican orders total at least 1000 cuttings, or 300 potted plants, to keep shipping charges economical. Minimum order of an item 100.

Special quotation on quantity orders.



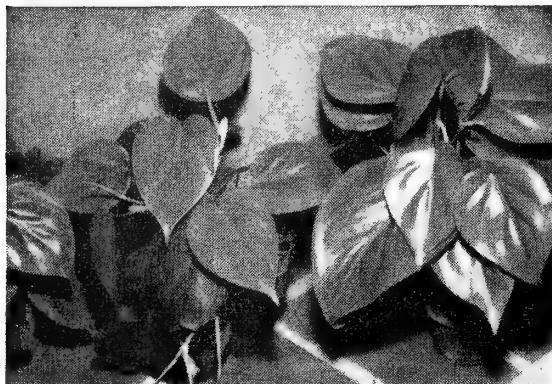
PHILODENDRON PERTUSUM



FICUS DECORA



PHILODENDRON PANDURAEFORME



Michell's

POPULAR

AGLAONEMA COMMUTATUM

2 1/4-in. pots, 4-8 leaves \$26.00 \$250.00

APHELANDRA, LOUISE (C)

2 1/4 in. or RC. Tip cuttings 50.00

ARALIA SIEBOLDI (C)

Seedlings, (2 1/4-in. size.) Shiny deeply cut foliage on slender trunk 6.75 62.50

BOXWOOD (C)

Transplants
Select 6.75 62.50

CHINESE EVERGREEN

Rooted Cuttings
3- 5 in., 3-5 leaves 8.50 75.00
4- 6 in., 4-6 leaves 11.50 100.00
5- 7 in., 4-7 leaves 13.50 120.00
6- 8 in., 5-7 leaves 22.50 200.00
8-10 in., 6-8 leaves 27.50 250.00
10-12 in., 6-9 leaves 32.50 300.00
12-15 in., 6-9 leaves 37.50 350.00
2 1/4-in. pots, 3-5 leaves 16.00 150.00

CRASSULA (C)

Green URC No. 0 (2 or more heads) 2.50 22.50
Green URC No. 1 (3-4 heads) 3.50 32.50
Green URC No. 2 (5 or more heads) 5.75 52.50
Variegated URC 5.75 52.50

CROTONS

Highly Colored Assorted Varieties

3 in. 37.50 350.00
Moss RC for 5-in. pot 75.00

CROTONS (C)

Dish Garden Varieties

Apple Leaf and Media Picta.
Rooted Cuttings 80.00
2 1/4-in. pots 13.50

CRYPTANTHUS (Pa.)

Tri-color. URC for 2 1/4-in. pots .. 50.00
3-in. pot 75.00

DIEFFENBACHIA

Amoena. URC, 12-16 in., 3-4 leaves. 42.50 400.00
URC, 18-24 in., 4 leaves 60.00 550.00
Bausi. 2 1/4 in., 64 per carton (Pa) .. 37.50 350.00
4 in. 80.00
Picta.
Rooted Cuttings, 6-8 in. 30.00 280.00
2 1/4 in. (64 per carton) (Pa) 27.50 250.00
3 in. 37.50 350.00
4 in. 80.00
Roehrsi.
2 1/4 in. (64 per carton) (Pa) 37.50 350.00
3 in. 40.00
4 in. 80.00

PHILODENDRON CORDATUM

3 plants per pot

100 2 1/2-in. pots
\$26.50, Prepaid

1000 2 1/2-in. pots
\$245.00, Prepaid

500 at 1000 rate; min. order 100
Put in 3-inch pot and sell immediately or pot in 3 1/2- or 4-inch and sell in a few weeks. Repeat customers in almost every state is our answer.

DEPENDABLE SOURCES

All material on these two pages from Florida unless marked. (C) from California; (Pa.) from Pennsylvania.

DRACAENA

100 1000
Godseffiana. 2 1/4-in. pots \$16.00 \$150.00
RC 11.00 100.00
Sanderiana. Rooted cuttings, 6-8 leaves 16.00 150.00
2 1/4-in. pots 21.00 200.00

EUONYMUS

(C)
Alba Marginata. RC 5.75 52.50
Media Picta. RC 7.25 67.50
Pulchulus. RC 5.75 52.50
Silver Queen. RC 7.25 67.50

FATSHEDERA

(C)
Leitzei. RC 7.50 70.00
Variegated. RC 12.00 110.00

FICUS

Decora. Moss cuttings. 2 1/2 ft. 60.00
Elastica. Moss cuttings. 6-8 leaves ... 35.00 320.00
Doescheri. Moss cuttings. 12 leaves. 65.00
Pandurata. Moss cuttings. 6-8 leaves. 65.00

FITTONIA

(C)
Argyreneura. Rooted cuttings ... 10.00 85.00
Orders 2M and over, \$75.00 per 1000.

MARANTA KERCHOVEANA

URC, Medium 60.00
RC, 3-7 leaves 9.00 75.00
2 1/4-in. pots 16.00 150.00

NEANTHE BELLA PALMS

Seedlings, 2 leaves 5.00 45.00
Seedlings, 3-5 leaves 6.50 55.00
Transplants, 6-10 leaves 10.00 85.00
2-in. pots 16.00 150.00

NEPHTHYTIS

Emerald Gem. RC, 3-5 leaves 7.00 60.00
2 1/4 inch 11.00 100.00
2 1/2 inch, 3 plants 20.00 162.50
Green Gold. RC, 3-5 leaves 7.00 60.00
RC, 4-5 leaves, select 62.50
2 1/4 inch 16.00 150.00
2 1/2 inch, 3 plants 20.00 162.50
Imperial. RC, 2-3 leaves 7.00 60.00
RC, 3-5 leaves 9.00 80.00

BARK and POLE PLANTS

Philo. Florida Philo. Laciniatum

Each
24 in. high, 6-in. pots, 6 per case \$2.75
36 in. high, 8-in. pots, 4 per case 5.50

SPECIAL OFFER

Philodendron Pertusum

24 in. totem pole, 6 in. plastic pot (2 plants)
Packed 9 per case

1- 2 cases \$1.70 each pot
3- 6 cases 1.60 each pot
7-14 cases 1.50 each pot
15 cases and over 1.35 each pot

Philo. Panduraeforme

Philo. Hastatum

Philo. Pertusum

Each
36 in. high, 8-in. pots, 2 per case \$ 5.25
48 in. high, 9-in. pots, 2 per case 7.50
60 in. high, 10- or 12-in. pots, 2 per case ... 12.25

Philodendron Cordatum on Poles

36 in. high, 7-in. pots, 2 per case 3.50
48 in. high, 8-in. pots, 2 per case 4.50

Supplied in wooden tubs \$1.00 extra.

Minimum order of Bark Plants, 2 cases.

TROPICAL FOLIAGE PLANTS

PROMPT DELIVERY - TOP QUALITY MATERIAL

PHILODENDRON CORDATUM

	100	1000
Propagating Eyes (in vine form) ..	\$ 13.00	
Started Eyes (leaf and eye) ..	30.00	
(2,000 and over) ..	27.50	
Rooted Cuttings. Greenhouse-grown.		
2-3 large leaves ..	5.00	40.00
(2000 and over) ..		37.50
3-5 large leaves ..	7.00	60.00
(1000 and over) ..		55.00
2 1/4 in., 2 plants, large leaves ..	15.00	140.00
2 1/2 in., 3 plants, medium leaves ..		
(Plastic Pot) ..	18.00	165.00
2 1/2 in., 3 plants, large leaves ..	22.50	210.00

PHILODENDRONS

	25	100	1000
Dubia. 3 inch	\$0.55 ea.	\$ 50.00	
4 inch .....	.85 ea.	75.00	
Florida.			
Bare Root	25.00	225.00	
Rooted Cuttings	30.00	250.00	
3-in. pots .....	.65 ea.	60.00	550.00
Florida Compacta.			
Bare Root	25.00	225.00	
3-in. pots .....	.65 ea.	60.00	550.00
Hastatum.			
3 inch, 3-4 leaves .....	.55 ea.	50.00	
4 inch, 4-5 leaves .....	.85 ea.	75.00	
Hastatum Imbe.			
Bare Root	25.00	225.00	
3-in. pots .....	.55 ea.	50.00	500.00
Laciniatum.			
Rooted Cuttings	30.00	250.00	
3-in. pots .....	.65 ea.	60.00	550.00
Micans.			
RC, 3-5 leaves	7.00	60.00	
Monstera. 4 inch	1.15 ea.	100.00	
6 inch	1.75 ea.		
Panduraeforme.			
3 inch, 2 plants .....	.55 ea.	50.00	
4 inch, 3 plants	1.00 ea.	80.00	
Pertusum.			
3 inch, 3-4 leaves .....	.55 ea.	50.00	
4 inch, 3-4 leaves .....	.85 ea.	75.00	
4 inch, 2 plants per pot ..	1.10 ea.	100.00	
Moss RC, 4-5 leaves ..	1.00 ea.	80.00	
Moss RC, 5-6 leaves ..	1.20 ea.	100.00	
Selloum.			
Bare Root	22.50	200.00	
3-in. pots	50.00	450.00	

PEPEROMIA

	100	1000
Emerald Ripple. Rooted cuttings ..	\$ 9.00	\$ 80.00
2 1/4-inch pots ..	20.00	200.00
Obtusifolia. Green.		
Rooted cuttings ..	7.00	60.00
2 1/4 inch ..	11.00	100.00
Variegated. RC ..	11.00	100.00
2 1/4 inch ..	16.00	150.00

PODOCARPUS

	100	1000
Bare root. 4-8 in.	\$ 5.00	\$ 37.50

PILEA CADIEREI

Aluminum Plant.		
Rooted cuttings	6.00	50.00
2 1/4 inch ..	16.00	150.00
Dwarf Variety. URC ..		45.00
Dwarf Variety. RC ..		75.00

PITTOSPORUM

(C) Tobira. Seedlings	5.75	52.50
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POTHOS

Wilcox. Propagating eyes		13.00
RC, 3-5 leaves ..	7.00	60.00
2 1/4 inch, 1 plant ..	11.00	100.00
2 1/4 inch, 2 plants ..	17.00	160.00
Marble Queen. RC ..	12.00	110.00
2 1/4 inch ..	17.00	160.00

SANSEVIERIA

Laurentii. 2 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in., 18-24 in.	8.00	70.00
Laurentii. 3-5 leaves*		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in., 18-24 in.	13.50	125.00
* 4-12 in., 2,000 and over, less \$15.00 per 1000.		
Zeylanica. 2 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in.	6.50	57.50
Zeylanica. 3-5 leaves.		
4-6 in., 6-8 in., 8-12 in., 12-15 in.,		
15-18 in., 18-24 in.	8.00	70.00
Hahni.		
Bare root for 2 1/4 in.	10.00	80.00
Bare root 2 1/2 in.	12.50	100.00
Bare root for 3 in.	15.00	125.00
		100
Golden Hahni. Bare root for 2 1/2-in. pots ..	\$35.00	
Bare root for 3-in. pots ..	50.00	
2 1/2-in. pots ..	50.00	

SARCOCOCCA

(C) Ruscifolia. Rooted cuttings	100	1000
	\$7.25	\$67.50

SCHEFFLERA

Seedlings	6.00	40.00
Transplants	7.50	60.00

TRICHOSPORUM PULCHRAUM

Rooted cuttings	7.50	60.00
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100 RATE: 25 same variety and size. 50 same size. Packing Charge: Most Florida shipments 50c per box.



MARANTA KERCHOVEANA



NEPHTHYTIS, GREEN GOLD



DIEFFENBACHIA PICTA



DIEFFENBACHIA ROEHRSEI

POPULAR LARGE-LEAFED PHILODENDRON COLLECTIONS

Prepaid and Packed East of the Rockies

Fills the needs of the smaller grower whose trade demands a good selection.

Collection No. 1

- 5 Pertusum, 4 in., 3-5 leaves.
- 5 Dubia, 4 in., 3-5 leaves.
- 5 Hastatum, 4 in., 4-5 leaves.
- 5 Monstera, 4 in., 3 leaves.

\$22.50

Collection No. 2

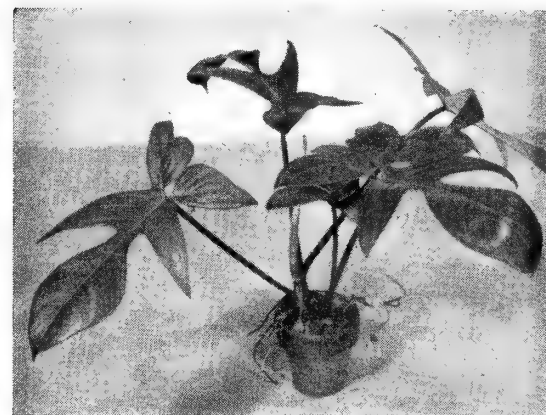
- 10 Pertusum, 3 in., 3-4 leaves.
- 10 Dubia, 3 in., 3-4 leaves.
- 10 Hastatum, 3 in., 3-4 leaves.

\$22.50

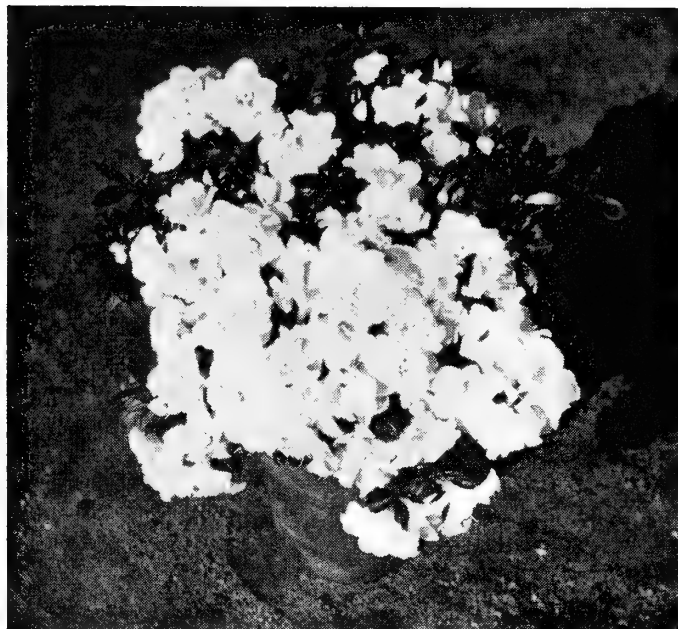
Collection No. 3

- 7 Pertusum, 4 in., 3-5 leaves.
- 7 Hastatum, 4 in., 4-5 leaves.
- 6 Monstera, 4 in., 3 leaves.

\$25.50



PHILODENDRON FLORIDA



ALASKA

WEST COAST AZALEAS

Albert and Elizabeth	Erie. Salmon, pink and white.
Chimes. Dark red.	Empress of India
Christmas Red	Hexe de Saffelare. Violet-red.
Cottage Gardens. Dark red.	Lentengroot. Crimson-red.
Dr. Bergman. Orange-red.	Paul Schame. Salmon.
Dorothy Gish. Deep salmon.	Sweetheart Supreme
	100 1000
3 x 4 in.	\$27.50 \$225.00
4 x 4 in.	32.50 275.00
4 x 6 in.	42.50 375.00

Transplants—Flat Grown

	100 1000
54 plants per flat	\$17.00 \$160.00

BENCH GROWN TRANSPLANTS

Delivery after Mother's Day
F.O.B. Patterson, N. J.

Indicas

Albert and Eliza-	Jean Haerens.	Ernest Thires.
beth.	Memoria Sanders.	Triomphe.
Eclaireur.	Eric Schame.	Vervaeana.
Knute Erwin.	Paul Schame.	Viola.

Rutherfordianas

Alaska.	Dorothy Gish.	Salmon Glow.
Constance.	Alice Muller.	Sunset.
Firelight.	Purity.	

Kurumes, Pericats, etc.

Bridesmaid.	Mrs. L. C. Fischer.	Pink Pericat.
Coral Bell.	Hexe de Saffelare.	

Prices: \$27.50 per 100; \$250.00 per 1000

FLAT GROWN AZALEAS

Bushy plants comparable to 2 1/4's.
May-June delivery. F.O.B. North Jersey.

Kurumes

	100 1000
Coral Bells. Dainty coral-pink, semi-double	\$15.00 \$140.00
Hexe. Deep crimson, semi-double dwarf Indica	15.00 140.00
Hexe De Saffelare. Crimson, large flowers	16.00 150.00
Hinodegiri. Carmine-red, hardy	15.00 140.00
Mrs. L. C. Fischer. Semi-double salmon-pink	15.00 140.00
Salmon Beauty. Salmon-pink, hose-in-hose type	15.00 140.00
Snow. Pure white hose-in-hose type	15.00 140.00

Pericats

Rose Pericat. Light pink, hose-in-hose, for early flowering	16.00 150.00
Sweetheart Supreme. Fine pink, for later bloom	16.00 150.00

Indicas

Albert and Elizabeth. Double white; pink border ..	17.50 165.00
Jean Haerens. Double large dark rose	17.50 165.00
Triomphe. Double red with purple sheen	17.50 165.00
Vervaeana alba. Large double, pure white	17.50 165.00

100 rates apply on quantities of 50 or more, 1000 rates on 250 plants or over, of each variety. Packing charge 6%. Not less than 50 plants of one variety.

Rutherfordiana

	100 1000
Alaska. Semi-double, pure white, early	17.50 165.00
Constance. Cerise-pink, single, ruffled, midseason	17.50 165.00
President Roosevelt. Bright salmon, hose-in-hose ...	17.50 165.00

NEW ROEHRS HARDY VARIETIES

(Suitable for Mother's Day Flowering)

Bauman's Mother's Day. Large hose-in-hose, rose	20.00 190.00
Gov. Meyner. Fiery red, single	20.00 190.00
Orchid. Rosy lavender, single	20.00 190.00
Peggy Ann. Late hose-in-hose, light pink center, dark pink on edges	20.00 190.00

Beckii. (Pat. No. 1699). Early to midseason blooming. Rose-pink. Retains its fresh full flowers for an unusually long period.

	100 1000
Rooted Cuttings—Minimum order 100	\$27.50 \$250.00
Heavy transplants or 3-5 inch	42.50 400.00

Coral Bell Supreme. (Patented). Coral-pink, sport of Coral Bell with flowers twice as large. Early-midseason.

	100 1000
Rooted Cuttings	\$17.50 \$150.00
2 1/2 in. pots	27.50 250.00

AGERATUM

(Nov.-March Delivery)

Blue Boy.	Purple Beauty.
Improved Riverside.	White.
	100 1000
Rooted cuttings	\$ 4.00 \$30.00
2-in. pots	10.00 90.00
Devon Blue. (Michell's.) Blooms early and very prolific. Flowers are a clear shade of blue of unusual size.	
Rooted cuttings, \$35.00 per 1000. Sold in units of 250.	

ASPARAGUS

(Delivery from Sept. on)

Plumosus nanus.	
Sprengeri.	100 1000
2 1/4-in. pots	\$12.00 \$110.00
3-in. pots	25.00 200.00

BEGONIAS

(April-July)
2 1/4-in. pots.

	100	1000
Lady Mac Supreme. Deep pink bordering on Better Times Rose color, flower stems red. Less than 50 at 60c each	\$45.00	\$425.00
Lady Mac. Light pink, medium-size foliage. Less than 50 at 50c each	42.50	375.00
Marjorie Gibbs. Light pink, larger size foliage. Less than 50 at 50c each	42.50	375.00
Melior. Light pink. Blooms about one week in advance. of other varieties. Less than 50 at 50c each	42.50	375.00
NORWEGIAN VARIETIES		
Karolina. Rose-pink.		
Marina. Dark pink.		
Red Solfein. Darkest rose, almost red.		
Spirit of Norway. Shade darker than Marjorie Gibbs. Above 4 varieties—Less than 50 at 60c each	47.50	425.00

BEGONIAS

2 1/4-in. pots. September to March Delivery.

Dwarf

Adeline. Bright pink.		
Deep Rose. Bright pink; rosy red in winter.		
Pink Pearl. Bright pink; vigorous growth.	100	1000
Red Pearl. Scarlet-red.	\$13.00	\$110.00
Snowbank. Sparkling white; large flowers.		

Medium

Carmen. Bright pink; bronze foliage.		
Indian Maid. Deep scarlet; dark bronze foliage.		
Luminosa. Fiery dark scarlet.	100	1000
Scandinavia Pink. Bright rose-pink.	\$13.00	\$110.00
Scandinavia Red. Bright red.		
Scandinavia White. Free-flowering; white.		

Doubles

Geneva Scarlet	Geneva White	Westport Beauty. Pink.
\$25.00 per 100.		

BELOPERONE guttata - Shrimp Plant

(Sept.-April Delivery)

	100	1000
2 1/4-in. pots	\$16.00	\$150.00

BROWALLIA

	100	1000
Speciosa (major). Rich blue. 2 1/4-in. pots	\$11.00	\$100.00

CALCEOLARIAS

September to January Delivery—F.O.B. New York

Easter Varieties—Seedling Type

Multiflora nana. Excellent strain.		
Multiflora nana. Gilbert strain.		
*Triumph. Shades of yellow, orange, red and rose.	50	100 1000
2 1/4-in. pots	\$12.50	\$20.00 \$180.00

Mother's Day Varieties—Grown from Cuttings

Golden Talisman. Golden amber.	*Mary Louise. Carmine-red.
Greater New York. Orange-bronze.	Pink Perfection. Rich rosy pink.
*Improved Perfection. Yellow-bronze.	*Pure Flame. Brilliant flame-red.
	Stewarti. Canary-yellow.
	Suzanne. Golden yellow.

	50	100	1000
2 1/4-in. pots	\$17.50	\$30.00	\$275.00
\$20.00 SPECIAL—2 1/4-in. POTS. Good assortment includes 50 cutting and 50 seedling types.			

*Varieties especially recommended. 500 at 1000 rate.

CHRISTMAS CACTUS

	50	100
Lobster Plant. 2 1/4-in. pots	\$9.50	\$16.00

CINERARIA

September to January Delivery

Cremer's Prize Strain. Cross of Multiflora Nana, Hybrida Grandiflora and Stellata. Flowers are larger than Multiflora. Plants very compact, with small leaves.		
Siter's Rainbow Strain. Large flower heads of medium size. Individual florets in an excellent color range.	50	100 1000
2-in. pots	\$8.00	\$12.00 \$110.00

COLEUS, Rooted Cuttings

(Nov.-April Delivery)

	100	1000
Beckwith Gem. Dark velvety maroon, bordered fiery red, edged green	\$4.50	\$40.00
Brilliancy. Bright carmine, shading off to a deep maroon, margined yellow and green	4.50	40.00
Butterfly	4.50	40.00
Christmas Gem. Carmine, shading to maroon, yellow and green margin	4.50	40.00
Golden Bedder. The favorite yellow	4.50	40.00
Hollywood Red	4.50	40.00
Queen Victoria. Cardinal-red, golden border	4.50	40.00
Assorted Colors	4.50	40.00

CYCLAMEN

America, Baardse Wonder, Bonfire, Bright Red, Dark Red, Lavender, Perle of Zehlendorf, Pure Rose, Red with Edge, Rococo.

2 1/4-in. pot plants (ready March and April)	\$25.00	\$200.00
3-in. pot plants (ready June and July)	40.00	
4-in. pot plants (ready August and September)	75.00	

DRACAENA

(Sept.-March Delivery)

	50	100	1000
Indivisa. Slender green leaf. Useful for summer bedding, vases, etc.			
2 1/4-in. pots	\$ 7.00	\$12.50	\$115.00
3 -in. pots	12.50	20.00	195.00

EUPHORBIA SPLENDENS

	50	100
Crown of Thorns. 2 1/4-in. pots	\$12.50	\$20.00

FUCHSIA

(Oct.-March Delivery)

Black Prince. Single, rose petals, pink bell.		
Holly Dale. Red or deep pinkish outside, with pinkish lavender center.		
Little Beauty.		
Winston Churchill. Red or deep pinkish outside, with deep violet center.	50	100 1000
Rooted cuttings, 500 at 1000 rate	\$ 8.00	\$ 75.00
2 1/4-in. pots, 500 at 1000 rate	8.00	14.00 130.00
Bagdad, Giant Pink, Pride of Orion.	100	1000
Rooted cuttings	\$ 7.00	\$60.00
2-in. pots	13.00	125.00

GARDENIA VEITCHI

	50	100
2 1/4-in. pots	\$12.50	\$20.00

GERANIUM

Beaute Poitevine. Light salmon.	Olympic. One of the best reds.
Better Times. Same color as Better Times Rose.	Picardy. Salmon-pink.
Improved Ricard. Bright vermilion.	Pink Fiat. Salmon-pink.
Irene. Bright red.	Pride of Camden. Dark red.
Madonna. White.	Radio Red. Intense scarlet.
Mme. Buchner. Double white.	Red Fiat. Large flowers.
Mme. Landry. Salmon-pink.	Salmon Supreme. Light salmon-apricot.
2 1/4-in. pots	100 1000
Dark Red Irene. Deep red, large flowers.	\$16.00 \$150.00
Springtime Irene. Soft pink.	
Salmon Irene. Close to Salmon Supreme and Pink Fiat.	17.50 165.00
2 1/4-in. pots	
Enchantress Fiat. Light shrimp-pink, large flowers.	
Pink Cloud. Distinct pink, lighter than Pink Fiat.	
2 1/4-in. pots	18.50 175.00

CALIFORNIA GERANIUMS

Shipped air freight throughout the year. Place orders early to insure prompt delivery. Four weeks required for RC. Above varieties and others available.

Send for Our Complete List

STANDARD VARIETIES	1000	5000 and over
Unrooted cuttings	\$42.50	\$40.00
Rooted cuttings	82.50	80.00

Minimum order, 1000

For economical air transportation, we recommend each shipment contain 2500 cuttings.

GLOXINIA

(Available All Year)	50	100	1000
Small's Special All-Color Mixture. Seedlings			
in 2-inch plant bands	\$12.00	\$20.00	\$180.00
(Shipped 50 per carton—write for complete list.)			

HELIOTROPE

(Nov.-March Delivery)	100	1000
Sweet Blue. Rooted cuttings	\$ 6.00	\$ 50.00
2 1/4-in. pots	11.00	100.00

HOYA CARNOSA VARIEGATA

Wax Plant. 2 1/4-in.	50	100
	\$17.50	\$30.00



HYDRANGEA

HYDRANGEAS

Group A—New Introductions

- *Enzondom. (M). A new pink.
- *Merritt's Blue. (M). A good blue.
- Merritt's Pride. (M). A new red.

Group B—Novelties

- Flamboyant. (M). Medium pink.
- Monte Forte Perle. (M). Carmine-red.
- Todi. (M). Dark pink.

Group C—Standard Varieties

- Hamburg. (E). Carmine.
- *Kuhnert. (M). Rose-pink.
- *Merveille. (L). Light red.
- *Red Star. (M). Brilliant.

- Regula. (E). White.
- *Rose Supreme. (M). Rose-pink.
- Sister Therese. (M). Best white.
- Strafford. (M). Dark pink.

Prices per 100 F.O.B. Maryland.		Group A	Group B	Group C
Rooted cuttings	Spring Del.	\$ 30.00	\$ 20.00	\$ 16.00
3 in. 1 shoot	Growing on	50.00	40.00	30.00
3 in. 1 shoot	Dormant	50.00	40.00	30.00
4 in. 1 shoot	for	65.00	55.00	45.00
4 in. 2 shoots or more	Easter	80.00	70.00	60.00
5 in. 3 shoots or more	and Mother's	100.00	90.00	80.00
6 in. 4 shoots or more	Day	150.00	125.00	100.00

*These varieties blue easily. (E) Early; (M) Midseason; (L) Late.

Dormant Hydrangeas also available out of New Jersey, New York, Ohio, Pennsylvania, West Virginia and Oklahoma. Write for list.

Hydrangea Forcing Notes:

Our Hydrangeas are shipped in smaller sized pots than the finished plants will be grown, in order to save shipping weight. They should be ready to start to force upon arrival. It may be best to put them back in the same sized pots until the roots start to grow before shifting into finishing pots. If you do shift them up immediately, then try a light crushing of the hard dirt ball, or soak them in water before potting. This will help get the roots off to a better start.

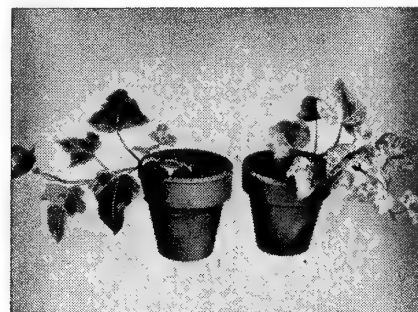
The rule usually followed in timing Hydrangeas is to have the flower buds the size of a pea about 8 weeks before sale. Shorten or lengthen this time by raising or lowering the night temperature from the normal of 60 degrees F. Avoid lowering the night temperature below 55 degrees F., otherwise mildew may develop.

Along about 2 weeks before sale, attempt to harden off your plants. Drop the temperature back to 60 degrees F., if you have been forcing hard, and open vents a little more. Keep air on as much as possible all through the forcing period, but add a little toward the end of the forcing time. This will help them to stand up better in the retail shop, and in the customer's home.

IVY

(Delivery from Sept. on)

	100	1000
English. Rooted cuttings	\$ 4.00	\$30.00
2 1/4-in. pots	10.00	90.00
*Green Ripple. Rooted cuttings	6.00	52.50
2 1/2-in. pots	20.00	
Hahn's Self-Branching. Rooted cuttings	5.00	35.00
2 1/2-in. pots	20.00	
Hahn's Variegated. Rooted cuttings	6.00	50.00
2 1/2-in. pots	25.00	
*Maple Queen. Rooted cuttings	6.00	50.00
2 1/2-in. pots	20.00	
Shamrock. Rooted cuttings	6.00	50.00
2 1/2-in. pots	20.00	
Star. Rooted cuttings	5.00	35.00
2 1/2-in. pots	20.00	
Sylvanian Beauty (Improved). Rooted cuttings	6.50	60.00
2 1/2-in. pots	20.00	
Glacier. Rooted cuttings	5.75	52.50
Gold Dust. Rooted cuttings	6.75	62.50
Variegated. Large leaf	5.75	52.50
*If bought in 2000 lots or more		45.00



Glacier Ivy Gold Dust Ivy

LANTANA (Nov.-March Delivery)

- Craigi. Deep red shading to yellow.
- Dwarf Buckeye. Red, shading to yellow.
- Jacob Schultz. Red.
- Lady Olivia. Yellow, shading to pink.
- Michael Schmidt. Red shading to yellow.
- Radiation. Red; center orange and yellow.
- Sunset. Yellow and red.
- Weeping. Lilac shading to rosy pink. A trailing variety. Especially recommended for boxes, baskets and ground covers.
- Mixed Varieties. Our selection. 100 1000
- 2 1/4-in. pots \$13.00 \$120.00

PRIMULA

June to December Delivery

OBCONICA VARIETIES

- Alba. White.
- Caerulea. Blue.
- Fasbender. Crimson.
- Mueller Rosea. Bright rose.
- Mohnstein. Red.
- Wyaston Wonder. Bright crimson.

MALACOIDES VARIETIES

- Giant White.
- Glory of Riverside. Rose-pink.
- Mrs. Eriksson.
- 50 100 1000
- 2-in. pots \$ 8.00 \$12.00 \$110.00
- 3-in. pots 12.00 20.00

RUPELLIA MOKOYANA

- Trailing Velvet Plant. 2 1/4-in. pots. 50 100
- \$12.50 \$20.00

ROSES

CALIFORNIA-GROWN—TOP QUALITY

Complete list of close to 200 popular patented and non-patented varieties, including the latest All-America Selections.

Contains also an excellent list of fine quality Tree Roses. Prices very competitive and include delivery to eastern points.

Write for "Rose List."



POINSETTIA

POINSETTIA—Stock Plants

(March-April Delivery)

GROUP A

Dbl. Henriette Ecke, and St. Louis.

GROUP B

Improved Albert Ecke, Mrs. Paul Ecke, Ruth Ecke, and Oak Leaf.

GROUP C

New Introduction. (U. S. Plant Pat. No. 1780). Temporarily called "No. 4"—blooms later than Barbara Ecke Supreme and bracts have a darker red color—subject to signed agreement.

Barbarba Ecke Supreme. Definitely the finest of all pot-plant varieties for the central and northern part of the United States. Stock plants produce freely, can be soft pinched and have the finest colored bracts, superseding all commercial varieties.

Indianapolis Red. Exceptionally fine variety for the southern states. Grows short and stocky.

Ecke White

New Ecke Pink. Blooming and growth habits same as regular Pink, but having long bracts similar to the Oak Leaf type, which makes it very desirable.

	Group A Per 100	Group B Per 100	Group C Per 100
Super Jumbo		\$150.00	\$180.00
Jumbo		125.00	150.00
No. 1	85.00	100.00	120.00
No. 2	65.00	80.00	90.00
No. 3	45.00	60.00	60.00
*No. 4	25.00	35.00	40.00

The above prices f.o.b. eastern points of distribution, c/o Railway Express Agency.

* All No. 4 plants should be shipped by Railway Express direct from California to carry through successfully.

ON ALL ORDERS MAILED AFTER JANUARY 1, A 10% PACKING CHARGE WILL BE MADE.

ANY CHANGE IN ORDER MUST BE IN BY FEBRUARY 1st.

POINSETTIA—2 1/4's

July to October Delivery

2 1/4-in. pots

Quality stock is shipped from growers throughout the country. Prices vary slightly with location. Truck Delivery available on larger orders for 2 1/4's.

	100	1000
Albert Ecke	\$22.50	\$200.00
Barbara Ecke Supreme	25.00	225.00
Improved Albert Ecke	22.50	200.00
Mrs. Paul Ecke	22.50	200.00
Oak Leaf	22.50	200.00
Pink	22.50	200.00
White	22.50	200.00

Rooted cuttings available on most varieties. Write for prices. We advise Air Freight shipment. Minimum order, 500.

PERENNIAL PLANTS

A complete listing of quality perennial plants from select sources will be sent upon request.

PELARGONIUM (Sept.-March Delivery)

Premium Varieties

Circus Day. Pink, upper petals deep pink with medium large, brown-lilac blotches flushed with salmon.

Conspicuous. Shining oxblood or wine-red with black spot in lower petals, veining in top petals; waved petal edges with black hairline.

Gay Nineties. White upper petals with medium sized blotches. Lower petals with a few veins to center. Beautiful, large, ruffled flowers.

Grand Slam. Rosy red with slight salmon undertone. Top petals with velvety red-brown spot, flushed salmon. Large flower of waved petals.

	Per 100
Rooted Cuttings	\$22.50
2 1/4-inch	28.00
3 inch	37.50

Standard Varieties

Amanda. Reddish orange.

Azalea. Rosy red.

Baby Snooks. Orchid-pink.

Ballerina. Shell-pink.

Chicadee. Lavender.

Easter Greeting. Bright red.

Edith North. Salmon-pink.

German Glory. Amaranth-pink.

Jessie Jarrett. Dark violet.

Lavender Queen. Lavender.

Lowell. Red, black blotches.

Marie Vogel. Red shaded salmon.

Pink Vogel. Pink.

Rhapsody. Tricolor.

Salmon Springtime. Bright salmon.

Springtime. Bright pink.

Stardust. Palest lilac.

	100	1000
Rooted Cuttings	\$15.00	\$140.00
2 1/4-in.	20.00	190.00
3 -in.	28.00	270.00

250 plants of a variety at 1000 rate. Minimum order, 50 plants.

STEVIA (June-August Delivery)

Double True Half Dwarf.

Pride of Cincinnati.

	100	1000
2 1/4-in. pots	\$12.00	\$110.00

VERBENA (Nov.-March Delivery)

Beauty of Oxford, Corise.

Beauty of Oxford, Lavender.

Beauty of Oxford, Pink.

Beauty of Oxford, Scarlet.

Candystick. 100 1000

Rooted cuttings ... \$5.00 \$37.50

Pure White.

Royal Purple. With eye.

Schlosser's Pride. Dark red.

	100	1000
Rooted cuttings	\$4.00	\$30.00
2 1/4-in. pots. (Spring)	9.00	80.00

VINCA VARIEGATA

(Delivery from Sept. on)

	100	1000
Rooted cuttings	\$ 5.00	\$ 45.00
2 1/4-in. pots	12.50	115.00

VITIS - Grape Ivy

(Delivery from Sept. on)

	100	1000
Rhombifolia. Evergreen vine. Graceful trifoliate leaves.		
2 1/4-in. pots	\$12.50	\$115.00

CACTI AND SUCCULENTS

Commercial Assortment for Dish Garden and Novelty Planting

(500 of one assortment at 1000 rate)—Shipped bare-root F.O.B. California

	100	1000
A All-Purpose Standard. Cacti and Succulents; 10 or more standard varieties in uniform good selection for general dish-garden work or individual 2 to 2 1/4-in. pots	\$ 6.00	\$47.50
B All-Purpose Superior. Cacti and Succulents; includes the better, more durable and showier types of succulents and Cacti, in 15 or more varieties. This is our most favored all-around commercial assortment	7.00	57.50
K All-Succulent Fancy. The harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	8.50	72.50
N All-Cactus Select. Various types of Cacti from cuttings and seedlings; globular branched, eared, padded and columnar varieties in best selection	10.00	90.00
S Sub-Tropic Dixie Assortment, as favored in New York. Small foliage plants with compatible Succulents and Sansevierias	9.00	80.00

Rooted

Varieties marked * are patented or restricted and subject to signed agreement.
Minimum order 100 of each variety except where noted.

NEW for 1960

Peterson's New Pink Sim. Beautiful light pink sport of Mamie. Similar in color to Light Pink Littlefield. Holds its color well in hot weather.

\$15.00 per 100

\$125.00 per 1000

Peterson's Red Sim. New this season. Sport of S. Arthur Sim. Similar to William Sim in size and color, but more prolific.

\$15.00 per 100

\$125.00 per 1000

WHITE

	100	1000
* Hoosier Spice. Pure white and very fragrant	\$15.00	\$130.00
Improved White Sim. Larger than White Sim	15.00	125.00
Northland. Popular white	15.00	130.00
Olivette. Fine white	10.00	90.00
Snowdrift. Clear snow-white	15.00	125.00
White Baum's Supreme. Large pure white	10.00	80.00
White Boston. Sport of Boston	15.00	125.00
White Sim. White	15.00	125.00
White Sidney Littlefield. Large white	15.00	125.00

LIGHT PINK

Dusty. Pastel pink Sport of (Red) Wm. Sim. (Minimum order 250)	250 for \$50.00; 500 for \$90.00	160.00
* Hoosier Desire. Clear light pink	15.00	130.00
Hoosier Princess. Light lavender-pink	15.00	130.00
Hercules Virginia. Light pink	15.00	130.00
Kathleen Ann. Light pink sport of S. Littlefield	15.00	125.00
Keefer's Cheri Sim. Deep salmon-pink	20.00	180.00
Light Pink Littlefield. True light pink	15.00	125.00
Nancy Thomson. Glowing light pink	15.00	125.00
* Peterson's Pink Sim. Blush-pink	15.00	125.00
Pink Sim. Light pink; sport of William Sim	15.00	125.00
Salmonaise Virginia. Light salmon	15.00	125.00

MEDIUM PINK

Calypso Sim. Deep salmon-pink	15.00	125.00
Citation. Rose-pink with silver edges	15.00	130.00
Debbie. A beautiful salmon-pink sport of Sim	18.00	150.00
Flamingo Sim. Softer salmon-pink than Shocking Pink, with less splitting	15.00	125.00
Laddie Sim. A striking salmon-pink sport of Sim	18.00	150.00
Portrait. Brilliant rose-pink	18.00	150.00
Shocking Pink Sim. Brilliant dark salmon	15.00	125.00
Virginia Rose. Rose-pink	12.00	100.00

DARK PINK

Baum's Supreme. Dark rose-pink	10.00	80.00
Boston. Dark pink. Clean healthy growth	15.00	125.00
Canup's Pride. Dark cherry-pink	10.00	80.00
Charlene. Beautiful rich dark pink	15.00	125.00
Fanfare. Dark cherry-pink. (Minimum order 250)		125.00
Saugus Pink. Deep pink	15.00	125.00
Improved Sidney Littlefield. Large dark pink	15.00	125.00
Virginia Miller. Deep pink	12.00	100.00

YELLOW

	100	1000
* Brigadoon. Pure yellow (500 minimum)		\$200.00
Corinne. Clear soft light yellow. (New)	20.00	160.00
Harvest Moon. Yellow-gold	15.00	125.00
* Hoosier Gold. Clear yellow with faint pink stripes	15.00	130.00
Thompson's Improved Miller Yellow	15.00	125.00
Yellow Sim. Golden or buff-yellow	15.00	125.00

RED

Cardinal Sim. Color similar to King Cardinal	15.00	125.00
Congo. Dark red	15.00	125.00
Crimson Prince. Crimson	15.00	125.00
Dark Red Sim. Shade darker than William Sim	15.00	125.00
Ember Sim. Vivid red, sport of William Sim	15.00	125.00
Jumbo Cardinal. Brilliant red	15.00	130.00
Majestic. Brighter than William Sim	20.00	150.00
Mrs. C. W. Weld. Deep crimson	15.00	125.00
No. 14 Crimson. Crimson	15.00	125.00
Red Gayety. Pure red sport of Gayety (Minimum 250).		125.00
Red No. 16	12.00	100.00
Red Sim. Red	15.00	125.00
Scania. Red Sim sport from Denmark	15.00	125.00
Selected Red Sim. Selected strain of William Sim, slightly larger and fuller	15.00	125.00
* Tom Knipe. Scarlet	15.00	130.00
* Topper. Rich velvety maroon	15.00	130.00
* William Sim. Red. Patent No. 669 expires 1963	15.00	125.00
Wooster Scarlet. Brilliant red	12.00	100.00

NOVELTIES and VARIEGATED VARIETIES

	100	1000
Anniversary. Shade darker than Scarlet Sim	\$15.00	\$125.00
Candy Lee. White with small dainty red flecks. Sport of Sim. (Minimum 250)		125.00
Cooper's Variegated Sim. White with red markings.	15.00	125.00
* Coral. Brilliant salmon at times slightly flaked	20.00	150.00
* Elegance. Sport of Exquisite. Blush-pink with white edges. Flowers are small, and by pinching out center buds you will have sprays with several flowers to a stem	20.00	180.00
Frosted Weld. White overlaid with scarlet	15.00	125.00
Gayety. Like Cooper's Variegated Sim, larger flower	15.00	130.00
Hollywood Sim. Light pink petals with red overlay	15.00	125.00
Lavender Rose. True lavender color	15.00	125.00
Louisa. Raspberry hue with light variegation	15.00	125.00
Mamie Eisenhower. The red markings against a white background produce an outstanding contrast	15.00	125.00
Mohawk. Yellow variegated with pink stripes	15.00	130.00
Peppermint Sim. White petals with red pencil lines	15.00	125.00
Peking Pink Littlefield. Dark pink with white tips on petals	15.00	125.00
* Pride of Woburn. Bright fuchsia with orchid edge	15.00	125.00
Raspberry Ice. White overlaid with pale orchid	15.00	125.00
* Sarah Jane Knipe. Magenta with silver edge	15.00	130.00
S. Arthur Sim. White with red penciling through flower	15.00	125.00
Scarlet Sim. Scarlet with white edge	15.00	130.00
* Symphony. Mauve with reddish purple stripes	15.00	130.00
* Tetra-Sarah Jane. Rosy magenta with silver edge	25.00	200.00

Cutting CARNATIONS

YODER BROS. VARIETIES

WHITE

Aurora. Exceptionally large white. Flower size and heavy stems are points of emphasis. Performs best in higher than average Carnation temperatures, and with a narrow range of difference between day and night temperatures. An average to heavy producerS-6

Colo. White Sim. Holley's reselection of White Sim. Most important asset is its non-splitting trait. In all periods repeated tests have demonstrated that splitting is very significantly lower than the parent variety. Somewhat fewer petals contribute to this as well as making for straighter winter stems. Vigor and production remain the sameS-9

Electra. Large informal white. Petals are deeply serrated. Exhibits the vigor, stretch and production of White Sim with an improved stem for winter flowering. Does not splitS-5

White Apollo. White sport of Apollo. Unequalled for year around productivity. A marked improvement over Olivette for flower size and stem strength during the winter months. More versatile than Apollo since it is not subject to fading and has an improved summer formS-10

LIGHT PINK

Aphrodite. A true light pink. An early producer with an early come-back. Best in high light intensity areasS-6

SALMON-PINK

Apollo. Salmon-pink. Well known for its production and sturdy stems. Cropping is heavier than No. 2 ApolloS-10

No. 2 Apollo. An improved selection in Apollo with larger flower size and markedly increased stem length. Color remains the same as Apollo. The improved vigor in stem and size is evident throughout the yearS-9

Athena. A lustrous salmon-pink slightly deeper than Venus and possessing a greater color clarity than Apollo under low light intensities. A reliable winter producer. Has vigor, stretch and rigid stems. Does not splitS-10

Venus. A large salmon-pink. Flawless color. Like Charm, possesses superb flower qualities coupled with a long, rigid stem. A noted exhibition variety. Performs most satisfactorily at Littlefield temperaturesS-3

DARK PINK

Hermes. A good dark pink with high temperature color-retention tolerance. Becomes a scarlet-pink during the winter months. Ships and keeps well. Rarely splitsS-4

Mentor. Rich rose-pink. Strong, rigid stems. Notable keeping and color-retention properties throughout the yearS-1

CRIMSON-RED

Titan. An intense crimson-red. Dependable and continuous growth during the winter months. Recognized for its better than average shipping and keeping qualities among the crimson groupS-4

SCARLET-RED

Colo. Red Sim. An improved William Sim. Greater vigor and productivityS-7

Hill's Imp. Red Sim. Sport of Wm. Sim. Outstanding for its improved vigor, stretch and rapid cropping habit. Flowers are somewhat larger, being similar in form and color to Wm. Sim. Especially valuable for early cropsS-8

Siren. A bright scarlet. Combines heavy production with a fast come-back and uniform cropping on stems of medium lengthS-5

YELLOW

No. 2 Midas. An improved vigor selection from Midas. Length and strength of stem are markedly greater. Color remains the same. Form and size are more uniformS-8



NOVELTIES and VARIEGATED

Agate Athena. Sport of Athena. Dark salmon bands and penciling on salmon-pink background. Has the same vigor, high production, strong stem and non-splitting character of parent variety. A very refreshing, lively color with good high temperature summer retentionS-6

Cassandra. A lively yellow variegated. Pink penciling. Rarely splits. Flower has excellent substance and is an outstanding keeperS-3

Garnet Sim. (Streiferd). Sport of White Sim. Scarlet-red background with uniform white penciling. Production and rapid rate of return for successive crops excels most Sim varieties. The color is remarkable for its stability and intensity. This selection is one of the most resistant to splitting yet observed within Sim varietiesS-6

Gayety. Variegated Sim. Flesh-pink background overlaid with bright red pencil pattern. More stable than Cooper's VariegatedS-7

Nectar. Large orange-yellow variegated with broad scarlet striping. S-7

Strawberry Sim. Variegated red and pink Sim sport. An over-all narrow red penciling diffused on a pink background. Background color markedly intensifies going into mid-winter conditions. A striking noveltyS-6

PRICES OF YODER CARNATION VARIETIES

Price Class	100-250	300-950	1000 up
S-10	\$11.00	\$10.50	\$10.00
S-9	11.50	11.00	10.50
S-8	12.00	11.50	11.00
S-7	12.50	12.00	11.50
S-6	13.00	12.50	12.00
S-5	13.50	13.00	12.50
S-4	14.00	13.50	13.00
S-3	14.50	14.00	13.50
S-1	15.50	15.00	14.50

Prices apply to the number of cuttings of any one variety on an order. All prices are per 100 cuttings.

Michell's Growers' Supplies

Greenhouse Wheelbarrow

No. 3GH225. Length over-all, 62 in.; width over-all, 20 in.; height over-all, 27 in. Length of the bed, 26½ in.; width of bed front, 15 in.; width of bed rear, 19½ in. Bed depth, 11¼ in. Weight, 34 pounds. With pneumatic tire, \$29.00.

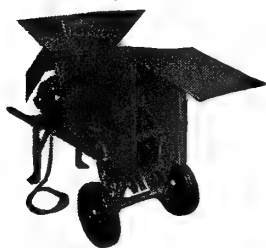
No. 67. Buch Style. With pneumatic tire. 15-in. front, 18-in. back, 12-in. deep. Handle spread 20 in. \$37.50.

Garden Wheelbarrows

	Tire in.	Length in.	Depth in.	Width in.	
No. 3-225	2¾	26½	10½	23½	\$29.00

Above barrows equipped with rubber tires.

Power Soil Shredder Kemp No. 6



Shreds heavy, wet compost made from sod and manure. Designed especially for the small grower. Low in price and economical to operate. Powered with either gas engine or an electric motor, that can be plugged into any light socket.

Use in potting shed for shredding soil for use in flats and pots. Also handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length	38 in.
Width	22 in.
Height at discharge end	36 in.
Height at hopper	33 in.
Weight	200 lbs.

Power { Electric ¼ H.P.
Gas ½ H.P.

Capacity—one or two men loading hopper.

No. 6. ½ h.p. electric motor \$198.00

No. 6 ¾ h.p. electric motor 215.00

No. 6-B. 2 hp. Briggs & Stratton gas engine 194.00

With rubber tire wheels, add \$10.00.

Tree Labels

	100	1000
Copper Wired. Painted	\$0.70	\$5.00

Painted Labels

Pot	No. in	Pkg.	100	1000
4-in., ¾ in. wide	1000	\$0.75	\$4.20	
5-in., ¾ in. wide	1000	.85	4.00	
6-in., ¾ in. wide	1000	.95	5.00	

Garden	No. in	Pkg.	100	1000
8-in., ¾ in. wide	250	1.20	10.00	
10-in., ¾ in. wide	250	1.40	12.00	
12 in., 1¼ in. wide	100	2.00	19.00	

Field	No. in	Pkg.	100	500
18-in., not painted			\$8.50	\$40.00

CANE STAKES

Dyed Green—Pencil Thickness	Per 1000	Per Bale (2000)
1½-ft.	\$3.50	\$6.00
2 -ft.	5.50	8.00
2½-ft.	6.50	10.00
3 -ft.	7.50	13.00
3½-ft.	10.25	16.50
4 -ft.	11.00	18.00
5 -ft.	14.00	24.50
6 -ft.	17.00	28.00

10 Bales, less 5%. 25 Bales, less 10%.

Split Bamboo

Dyed Green	Per 1000	Per Bale (5000)
12 in.	\$3.50	\$12.00
15 in.	4.00	15.00
18 in.	5.00	20.00

Hyacinth Stakes

Wood Dyed Green	1000 lots	6000 lots	12,000 lots
12 in.	\$5.15	\$29.00	\$55.80
15 in.	5.90	33.60	64.20
18 in.	6.35	35.70	68.40

Tonkin Bamboo

	100	1000
4-ft.	\$6.75	\$70.00
6-ft.	11.50	110.00

GREEN ENAMELED PLANT STAKES

Ideal for Mums and Poinsettias.

No. 14 Gauge .080 in.

Size	Approx. weight per 1000	Price per 1000
12 in.	16 lbs.	\$5.00
15 in.	20 lbs.	6.15
18 in.	24 lbs.	7.20
21 in.	28 lbs.	8.30
24 in.	32 lbs.	9.50
27 in.	36 lbs.	10.60
30 in.	40 lbs.	11.65
36 in.	48 lbs.	13.80
42 in.	56 lbs.	16.00
48 in.	64 lbs.	18.00

Quantity Discount

10,000 less 5%, 20,000 less 10%

F.O.B. Fostoria, Ohio.

Florists' Budding and Propagating Knives

A good knife is essential to every florist. Our knives are all of the best steel and guaranteed to give good satisfaction.

No. 716. The florist's favorite. 2-blade, white bone handle, for budding and propagating \$3.00

No. 182. 1-blade; ebony handle 2.75

No. 176. 1-blade; white handle 2.00

Imported Tina Pruning Shears

No. 870. 8½ in. Each \$4.95
Spiral Springs for the above Pruning Shears. 25c each; 6 for \$1.25.

Twines

	Ball	Lb.
Jute. 3-ply. Weight per ball, ½ lb. 5 lbs. \$4.00; 10 lbs. \$6.50.	\$0.45	\$0.85
Special White Cotton. 3-ply ..	.60	1.10
2-lb. cones, \$2.25.		
Express No. 6. Very heavy .....		.85
Green Sea Island. 2-lb. cones \$3.00.		
12 balls per box, \$1.60.		
5 boxes, \$1.45 per box.		

Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Price, box of 1000, \$2.50; 5000, \$11.50.



Everlasting Stake Fasteners

Full size—the original heavy duty type.



GALVANIZED

500 for	\$2.75
1000 for	5.00
5000 for	23.75

"Twist-Ems"

Quick. "Twist-ems" save the tedious work of tying plants with twine or raffia and cutting each piece with a knife or shears. Simply put around the stem, twist and it is tied.

	Per box	Per 36 boxes
No. T-7 8 in. Pkg. of 100	\$0.29	\$6.26
No. T-8 16 in. Pkg. of 100	.57	12.31

BULK — 250 per bundle

	1000	5000	10,000
4 in.	\$1.00	\$4.60	\$8.90
8 in.	1.75	8.00	15.50
16 in.	3.50	16.25	31.50

Continuous Roll. 250 ft., \$1.00; \$8.00 per doz.

ROOT FORMING CHEMICALS

ROOTONE. The plant hormone powder. Roots cuttings faster and makes more roots. 2 ozs. \$1.00;—doz. \$8.00; lb. \$5.00—doz. \$40.00.

ROOTONE with Fungicide. Hormone powder combined with fungicide. Controls damping off and stimulates formation of roots. Lb. \$5.00; doz. \$40.00.

HORMODIN POWDER. No. 1 and No. 2 for woody types, and No. 3 for evergreens.

	Each	Case of 12
No. 1—1-lb. can	\$4.00	\$28.80
1¼ oz.	.65	4.80
No. 2—1-lb. can	5.95	42.00
1¼ oz.	.95	7.20
No. 3—½-lb. can	5.95	42.00
1 oz.	1.30	9.00

HORMODIN POWDER COMBINATION PACK-

AGE. (One carton containing ½ oz. No. 1, ½ oz. No. 2, and ¼ oz. No. 3). .95 7.20

PERLITE. Ideal rooting and seed germination medium for all crops. Will not become soggy or decayed. Light in weight, 6 to 9 lbs. per cu. ft., 4 cu. ft. bags.

	Per Bag
1-4 Bags	\$1.80
5-9 Bags	1.60
10-49 Bags	1.50

TERRALITE (VERMICULITE) PLANT AID. A growing medium for rooting cuttings, propagating, seed germination, mulch, lightening heavy soil, storing bulbs. 4 cu. ft. (20 lbs.) \$2.00 per bag; \$1.60 per bag in 5-bag lots. 6 cu. ft. (30 lbs.) weather resistant bag. \$2.75 per bag; \$2.40 per bag in 5-bag lots.

Rubber Hose

This hose is a two-braid rayon thread. Can be cut in any length. Per ft.

Elec. Corrugated. 3/4-in. \$0.50

Elec. Corrugated. 1/2-in.38

25-ft. sections coupled free.

Vigilant. 3/4-in. 2-braid. 25 ft. coupled. \$7.65

Vigilant. 3/4-in. 2-braid. 50 ft. coupled 14.00

Per ft.

Spray Pump Hose. 3/8 in. Performer .. \$0.30

1/4 lb. Lb.

Hose Washers. 3/4-in. \$0.30 \$0.90

Sure Grip Bands. Can be furnished in 1/2-in., 3/8-in., and 3/4-in. Doz. 60c.

Plastic Hose

This hose has been in use in commercial greenhouses for over three years and its superb qualities are now proven by actual field use. It is feather-weight, full 3/4 in. diameter, and stays completely pliable and flexible regardless of the temperature of the water passing through it. It is sufficiently rugged to withstand greenhouse usage.

Our standard lengths of hose are 50 feet and 100 feet, but we can furnish any length desired. 37c per foot. Complete reels 300 ft. uncoupled, 30c per ft. Standard 3/4-in. Cast Brass Couplings \$1.10 per set. Extra large 3/4-in. Couplings \$2.40 per set.

Aquamatic Hose Nozzle



A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Complete with spray rose and solid stream nozzle. Price, \$6.00.

Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2- and 3/4-in. hose—mention which is wanted when ordering. Pair 45c; doz. pairs \$4.50.

Quick Hose Connector No. 351

Handy brass automatic coupling. Slides on and off with ease. Great labor saver.

	Each	6
Complete	\$1.25	\$6.50
Faucet end only .....	.35	2.00
Hose end only .....	.90	5.25

Greenhouse Sprinklers

Light Brass. Of lighter construction. 3-in. face. Each, \$1.25; 3 for \$3.50.



Flaring Rose Sprinkler

Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.10; 3 for \$3.00.

Glazing Points



- Peerless, No. 2 1/2.** For double-thick glass. \$1.35 per 1000.
- Seibert Style.** Zinc. Made with a prominent head. Cannot rust. Easily driven. 5/8-, 3/4-, and 7/8-in., lb. 80c; 5 lbs. \$3.75. (1000 to 1200 in a pound.)

Gro-Hose

Automatic Bench Waterer

Scientifically designed Poly-ethylene hose 2 1/4 in. wide, has four holes spaced every 8 inches apart. Waters the full length and breadth of your benches—automatically.

Prices: 1 to 1000 ft., 9 1/2c per ft. 1000 to 5000 ft., 8 1/2c per ft. 500 ft. rolls, not cut, 7 1/2c per ft.

Headers. Two-Way, \$3.00 each. Four-Way, \$3.75 each.



Water Breakers

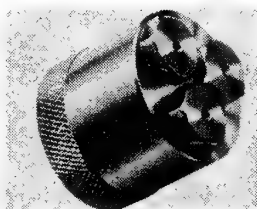


The "400" Water Breaker

No. 400. Breaks the water pressure and gives a fine, even spray. Cast aluminum, unbreakable. Ideal for greenhouse use. Each \$1.50; 3 for \$4.00.

Fogg-It Nozzle

The new fine mist sprinkler that really reduces water consumption and gives a full uniform coverage and wetting effect. Each \$1.50; 3 for \$4.00.

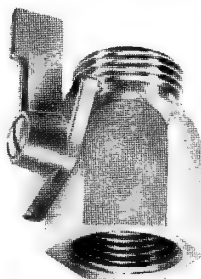


Hoxon Syphon

A simple yet effective way to apply liquid fertilizer. Just attach between faucet and hose. \$2.00.

Prices Subject to Market Change.

Water Valve V-58



A modern valve connection pipe to hose. Machined from solid bar brass. Metal to metal, wiping contact between spherical plug and seat—closes completely before pressure seal functions. No leak or drip. Greater water capacity than most 3/4 in. hose end valves. \$1.35 each; 6 for \$7.50.

Schneider Watering Can

Imported from Germany; extra long 24 in. spout complete with 3 roses—fine, medium and coarse. 8 qt. \$12.50; 10 qt. \$14.50; 12 qt. \$16.50.

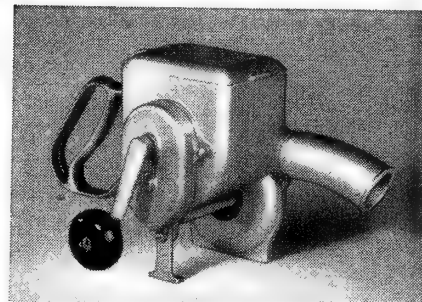
Neva-Clog Stapling Pliers

No. S100. Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.75.

Staples for above: Box (1000) 45c; 5,000, \$2.00.

Bronx Bottle Sprayer

For applying water to cut flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickel-plated. Pt. size. Price, \$2.20; qt. size, \$2.40.



Pestmaster Garden Duster

Holds 1/2 lb. dust. All metal, this new duster is made of an alloy that never rusts. Throws an 8-foot dust stream with just one turn of the handle. A duster that is every bit as efficient as the large, heavier, expensive dusters. Requires no effort to operate, no pumping—just an easy turn of the handle and a fine stream of dust settles over your plants. Each \$9.00.

FLORISTS' SUNDRIES

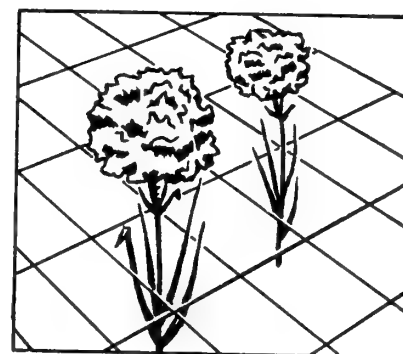
Bull Dog Clips. For fastening packages, boxes, etc. Box (1000) 70c.

Pearl Chips. For bulb bowls, aquariums, etc. White and assorted colors. Pkg. 10c; 12 pkgs. \$1.00; 25 pkgs. \$2.00; 100 pkgs. \$7.50.

Pearl Chips, White. In bulk. 50 lbs. \$5.50; 100 lbs. \$10.00.

Pearl Chips, Colored. 100 lbs. \$10.00.

Shaderine. 5 lbs. \$3.35; 10 lbs. \$6.50.



Slater's Wire Fabric

- Eliminates stringing and hand tying permanently.
- Lasts for years.
- Install 800 sq. ft. in just 15 minutes.
- Provides ready-made 6"x8" planting pattern.
- No tangled mess after crop is cut.
- For storage, just hang overhead or roll up.

ALL ROLLS 200 FEET LONG

36 in. width ..	\$15.90	48 in. width ..	\$19.50
42 in. width ..	17.20	54 in. width ..	21.70
		60 in. width ..	\$24.90

F.O.B. Farmingdale, N. Y.

Michell's GROWERS' SUPPLIES

Vita Plant Band

VITA-BAND D

VITA-D. An improvement over Vita 40, having a higher concentrate. Ideal for Carnations.

Price Per M	1½x	1¾x	2x	2x	2½x	3x	4x	4x
	1½x	1¾x	2x	2x	2½x	3x	4x	4x
	2½	2½	2½	3	3	3	3	4
0-8000	\$4.95	\$5.30	\$5.50	\$6.20	\$6.45	\$7.25	\$9.45	\$11.80
10,000-24,000	4.85	5.15	5.35	6.05	6.30	7.05	9.25	11.60
26,000-48,000	4.75	5.00	5.20	5.90	6.15	6.85	9.05	11.40
50,000-200,000	4.60	4.90	5.10	5.75	6.00	6.70	8.90	11.05
202,000-500,000	4.35	4.65	4.80	5.45	5.65	6.35	8.35	10.50
502,000-Over	4.25	4.55	4.70	5.30	5.55	6.20	8.15	10.25
Quantity Packed								
Per Case	2000	2000	2000	2000	2000	2000	1000	1000
Gross Weight								
Per Case	18	21	23	28	34	40	27	35

VITA-BAND 10

Vita-Band 10. Has the same quick set-up and fast handling features without nutrient treatment. A low-priced band giving satisfactory results for growing periods up to eight to ten weeks. May require occasional liquid feeding.

	1½x	1¾x	2x	2x	2½x	3x	4x	4x
Price Per M	1½x	1¾x	2x	2x	2½x	3x	4x	4x
	2½	2½	2½	3	3	3	3	4
0-8000	\$4.80	\$5.15	\$5.40	\$5.90	\$6.40	\$7.10	\$9.20	\$11.45
10,000-24,000	4.70	5.00	5.25	5.75	6.25	6.90	9.00	11.25
26,000-48,000	4.60	4.85	5.10	5.60	6.10	6.75	8.80	11.05
50,000-200,000	4.45	4.75	5.00	5.45	5.95	6.55	8.55	10.70
202,000-500,000	4.25	4.50	4.70	5.15	5.60	6.20	8.10	10.15
502,000-Over	4.15	4.40	4.60	5.05	5.50	6.10	7.95	9.90
Quantity Packed								
Per Case	2000	2000	2000	2000	2000	1000	1000	500
Gross Weight								
Per Case, Lbs.	33	38	42	51	63	37	50	33

VITA-BAND H

VITA-BAND H. The new successor to Vita-Band "40." A solidly constructed nutrient-treated plant band that will absolutely control the root growth of plants which demand extra-long growing periods.

Prices Per M	1¾x	2x	2x	2½x	3x	4x	4x
	1¾x	2x	2x	2½x	3x	4x	4x
	2½	2½	2½	3	3	3	4
0-8000	\$6.25	\$6.60	\$7.75	\$8.30	\$8.70	\$10.70	\$13.10
10,000-24,000	6.10	6.45	7.55	8.10	8.50	10.45	12.90
26,000-48,000	5.95	6.30	7.35	7.90	8.30	10.20	12.70
50,000-200,000	5.80	6.15	7.20	7.70	8.10	9.95	12.30
202,000-500,000	5.50	5.80	6.80	7.30	7.65	9.40	11.65
502,000-Over	5.35	5.70	6.65	7.15	7.50	9.20	11.40
Quantity Packed							
Per Case	1000	1000	1000	1000	1000	500	500
Gross Weight							
Per Case, Lbs.	26	30	36	40	52	35	46

Neponset Vita Paper Pots

Light in weight nutrient-treated pot, that is tough enough to be used to grow and ship potted plants in the same pot.

Size	1000	Size	500	1000
2 in.	\$16.05	3 in.		\$19.15
2¼ in.	16.45	*4 in.	16.00	28.25
2½ in.	17.05			

Sizes marked * are packed 500 to a crate.

Bird's Perennial Pots

The Bird Perennial Pot is made of a much tougher material than other heavy pots. The hard, smooth coating inside and out adds to the toughness and eliminates any possibility of sticking.

Height	Top-Diam.	Per Case	1000
5½ inch	5 inch	\$10.00	\$47.50
6½ inch	6 inch	12.50	58.50
9½ inch	7 inch	15.25	69.00
5 inch	8 inch	14.50	65.00

Packed 200 to case.

Red Paper Pots

Neponset Red Pots protect against root-ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth.

Diam.	500	1000	2000
2 in.			\$18.00
2¼ in.			18.00
2½ in.			18.20
3 in.			19.20
3½ in.		12.80	
4 in.		15.50	
*5 in.	10.50	19.00	
*6 in.	12.50	23.40	

Sizes marked * are packed 500 to a carton.

Special prices will be quoted f.o.b. factory.

Tom Thumb Flats

Size No. 1. Holds 12-1¾x1¾x2½ in. bands	1000
Size No. 2. Holds 12-2 in. bands	\$44.70
	49.60

Tom Thumb Flat and Plant Band Combinations

Size No. 1. With Vita-Band 10	1000 Sets
Size No. 2. With Vita-Band 10	\$ 96.70
	106.70

REYNOLDS ALUMIPAKS *

4¼x8¼x2 inches deep. A new aluminum pak for marketing plants. Can be used for all types of bedding plants now sold from flats or small pots such as Marigolds, Petunias, Salvia, Tomatoes, Peppers, etc. Has holes for drainage.

	Per 1000		Per 1000
1- 9,000	\$46.00	25-49,000	\$39.85
10-24,000	42.90	50,000 up	36.80

*Trademark Reynolds Metals Co.

REYNOLDS ALUMIPOTS

Size	Per case	Per 1000
2¼ in.	2000	\$22.90
4 in.	500	49.20

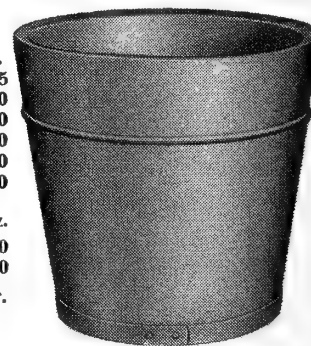
KEYSTONE TUBS

Strongly constructed, securely bound with welded galvanized wire hoops. Thoroughly dipped in dark green paint to insure complete coverage inside and out for moisture resistance and endurance.

Ready seller where a substantial yet attractive tub of moderate price is required.

	Top Diam.	Depth		Each	Doz.
	in.	in.			
No. 2.	7	x 7		\$1.30	\$14.75
No. 3.	8	x 8		1.35	15.50
No. 4.	9	x 8		1.50	17.00
No. 5.	10	x 9		1.75	20.00
No. 6.	12	x 11		2.65	30.00
No. 7.	14	x 13		4.15	47.00

	Each	½ Doz.
No. 11. 16 x 15	\$7.00	\$36.00
No. 13. 18 x 17	8.50	48.00
Tub Handles, not attached	.80c	pr.



RUBBER SAUCERS—Green or Red

	Each	Doz.
No. 1. 5½ inch	\$0.30	\$ 3.35
No. 2. 7½ inch	.55	6.25
No. 3. 10½ inch	1.10	12.00
No. 4. 12¼ inch	2.20	24.00
No. 5. 14½ inch	3.30	36.00



STURDI-POTS

This extraordinary pot is composed of approximately 2/3 Peat Moss and 1/3 wood pulp and contains chemical nutrients for faster premium growth. Roots grow right through pot walls. The pots are all pre-sterilized by a baking process, using a 375 degree F. temperature to insure an absence of any disease-producing organisms in the pot.

●CUT FLOWER CROPS

Ideal for Mums, Carnations, Snaps and Asters.

●POT PLANTS

Geraniums, Poinsettias, Hydrangeas, and Foliage plants.

●BEDDING PLANTS

Perfect for all Annuals such as Petunias, Asters, Marigolds, Snaps, plus Vegetable plants, Peppers, Melons, Tomatoes, Cucumbers, Egg-plant.

Because of the slightly heavier nature of the Sturdi-pot, it is excellent for nursery stock.

Pot Size	Pack Per Case	Wt. Per Case	Volume Level	Per M
ROUND				
THINLINE (the same wall thickness as other leading peat pots on the market).				
2 1/4 in.	2500	30 lbs.	2500-17500	\$ 7.00
			20000-72500	6.50
			75000-Over	6.00
3 in.	1250	30 lbs.	1250-10000	13.00
			11250-50000	12.00
			51250-Over	10.75
REGULAR (our regular sturdi-pot, approximately 20% thicker walled than the thinline).				
2 1/4 in.	2000	28 lbs.	2000-18000	7.75
			20000-74000	7.25
			76000-Over	6.75
3 in.		25 lbs.	1000-9000	13.75
			10000-49000	12.75
			50000-Over	11.50
4 in.	500	33 lbs.	500-2000	28.75
Standard or Azalea			2500-9500	26.25
			10000-Over	24.75

Pot Size	Pack Per Case	Wt. Per Case	Volume Level	Per M
SQUARE				
THINLINE.				
2 1/4 in.	2500	34 lbs.	2500-17500	\$ 7.50
			20000-72500	7.00
			75000-Over	6.50
3 in.	1000	32 lbs.	1000-9000	14.50
			10000-49000	13.25
			50000-Over	12.00
REGULAR.				
1 3/4 in.	2500	30 lbs.	2500-17500	6.90
			20000-72500	6.40
			75000-Over	5.90
2 1/4 in.	2000	35 lbs.	2000-18000	10.50
			20000-74000	9.75
			76000-Over	9.00
3 in.	1000	35 lbs.	1000-9000	17.25
			10000-49000	16.00
			50000-Over	14.75

150 lbs. or more Prepaid.

BIRD PEAT POTS

Composed of high quality peat, blended with other ingredients to stimulate healthy and speedy premium growth. Roots grow right through the walls.

	2 1/4 in.	3 in.	2 in.	3 in.
	Round	Round	Square	Square
Prices Per M—2000-18,000	\$7.25		\$7.50	
20,000-74,000	6.75		7.00	
Prices Per M—2000-8000		13.40		14.50
10,000-48,000		12.45		13.25
Quantity Packed Per Case	2000	2000	2000	2000
Gross Weight per Case in Lbs.	22	38	24	42

Orders of 150 lbs. or more sent prepaid in U. S. A.

VITA GREEN POTS

	2 1/4 in.	2 1/2 in.	3 in.	4 in.
Prices Per M—2000-18,000	\$7.25	\$8.35		
Prices Per M—2000-8000			13.40	17.25
Quantity Packed Per Case	2000	2000	2000	1000
Gross Weight Per Case, Lbs.	17	22	31	31



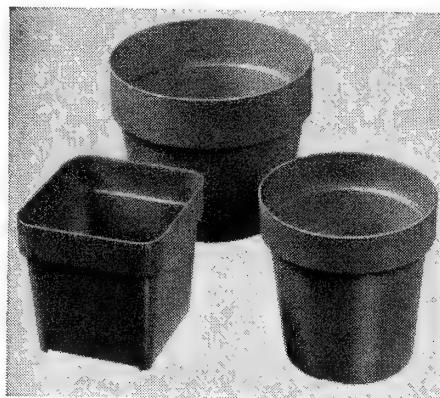
GRO-TAINER

The new molded seedling tray. Strong and extremely resistant to deterioration. Holes in the bottom provide excellent drainage. Gro-tainer breathes through its side wall and bottom surfaces.

Price Per M	No. 2	No. 3	No. 4
Less than 1000	\$48.00	\$62.00	\$72.00
1000-9800	44.00	58.00	68.50
10,000-54,800	40.00	54.00	64.50
55,000-151,000	36.00	50.00	60.50
151,200-Over	35.00	49.00	59.50
Quantity Packed			
Per Case	200	200	200
Gross Weight Per Case in. Lbs.	22	28	37

Specifications

	Length	Width	Depth	
No. 2 Top Dimensions	7 3/8"	5 1/2"	2 5/8"	Holds 6 2x2 1/2" Vita-Bands
Bottom Dimensions	6"	4"		6 2 1/8" Sq. Peat Pots
No. 3 Top Dimensions	8 1/2"	6 3/4"	2 5/8"	Holds 12 1 3/4x2 1/2" Vita-Bands
Bottom Dimensions	7"	5 1/4"		12 2 1/8" Sq. Peat Pots
No. 4 Top Dimensions	9 3/8"	7 3/8"	2 5/8"	Holds 12 2x2 1/2" Vita-Bands
Bottom Dimensions	8"	6"		12 2 1/8" Sq. Peat Pots



PLASTIC POTS

Excellent for foliage plants. Light in weight yet durable and easy to handle. They nest perfectly, require little storage space and the large base resists tipping on the bench. The smooth surface will not support mold of bacteria and requires little sterilization.

ROUND Size	Utility Color Per 1000	Standard Color Per 1000	No. Per Carton	Wt. (Lbs.) Per Carton
2 in.	\$ 9.00		1000	13
2 1/2 in.	11.50		1000	24
3 in.	17.00		1000	35
4 in.	32.00		500	38
6 in.	120.00		120	34
ROUND TUBS				
4 in.	32.00		500	33
6 in.	105.00		120	25
SQUARE				
2 1/4 in.	10.00	12.50	1000	15
3 in.	17.00	21.25	1000	36
4 in.	32.00	40.00	500	33
BANTAM FLATS				
(2 3/8"x5"x7 1/2")	85.00		100	18
(2 3/8"x6 1/4"x8")	95.00		100	21

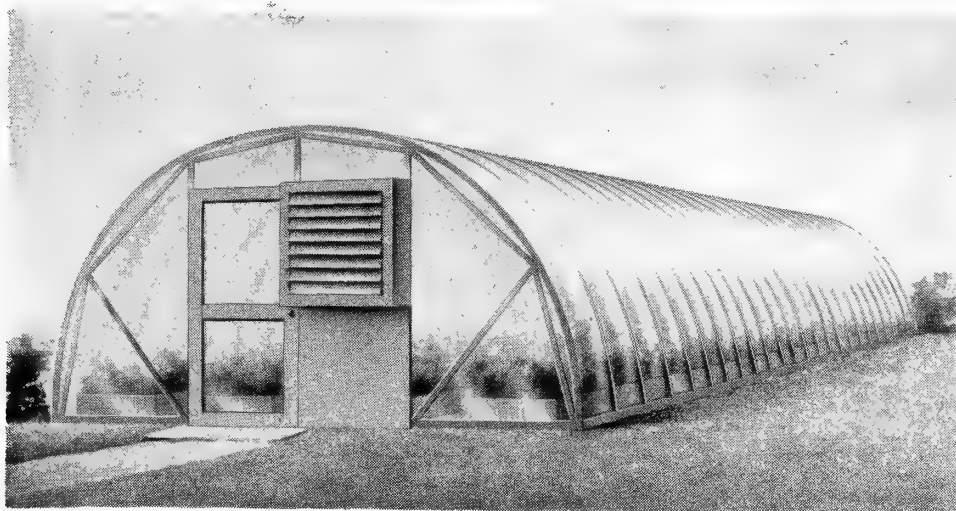
All prices per 1,000, F.O.B. Sandusky, Ohio.

Minimum order: \$20.00.

Utility colors: Mottled Green.

Standard colors: Fern Green, Brick Red, Jonquil Yellow and Porcelain White.

GRO-MOR PLASTIC GREENHOUSE



PAT. PENDING

The most rugged and durable plastic house ever designed. Built to withstand high winds and snow loads. Lengths in any multiple of 8 feet starting at 32 feet.

Length	11' Wide	20' Wide	25' Wide
32 ft.	\$327.00	\$ 498.00	\$ 628.00
48 ft.	465.00	698.00	899.00
96 ft.	888.00	1298.00	1715.00

Now Available
in 3 widths
11 ft.-20 ft.-25 ft.

- Lifetime Aluminum
- Quick Erection
- Simple Cover Application

Write for
Complete Information
including
FREE Erection Manual

CLEAR POLYETHYLENE FILM

For greenhouses and seasonal plastic houses. Can also be used for fumigation.

Standard Roll 100 Feet Long					
Price Per Roll					
Width	4 mil	6 mil	Width	4 mil	6 mil
3 ft.	\$ 4.50		14 ft.	\$19.50	\$29.50
4 ft.	5.80		16 ft.	22.50	33.50
6 ft.	8.50	13.00	24 ft.	32.50	47.50
8 ft.	10.50		32 ft.	43.50	63.00
12 ft.	17.00	25.50	40 ft.	54.40	79.00
Over 10 M sq. ft. less 5%.					

VINYL PLASTIC FILM

No. V-100. 4 Mil Weatherable Vinyl-Clear. For Plastic Greenhouses—Insulation—Cold Frames—Partitions.

4½ ft. x 200 ft.	\$21.15
5¼ ft. x 200 ft.	24.68
6 ft. x 200 ft.	28.20

No. V-101. 8 Mil Weatherable Vinyl-Clear. Same uses as 4 mil except twice as heavy.

4½ ft. x 100 ft.	\$21.15
5¼ ft. x 100 ft.	24.68
6 ft. x 100 ft.	28.20

No. V-500. 8 Mil Vinyl Thermocover—brown for bench steam sterilizing.

4½ ft. x 100 ft.	\$21.15
6 ft. x 100 ft.	28.20

No. V-600. 8 Mil Vinyl Thermocover—green for ground bed steam sterilizing.

4½ ft. x 100 ft.	\$21.15
5 ft. x 100 ft.	23.50
6 ft. x 100 ft.	28.20

No. V-800. 6 Mil Embossed Porolated Vinyl—Black Porolated Vinyl Film is a new low cost material developed for shading Chrysanthemums. The process of porolation allows the plastic to "breathe" through thousands of tiny pores per square foot of material. The film also can be used as a partition when lighting Chrysanthemums. The dollar savings involved will mean increased profits to you! The material has been tested for light penetration with very satisfactory results. At a light intensity of 7,000 foot candles, the Black Porolated Vinyl Film reduced the reading to one foot candle. Temperature tests have also produced satisfactory results.

4½ ft x 100 ft. \$15.86; 6 ft. x 100 ft. \$21.15.

All above available in bulk rolls up to 1200 feet long and 30 feet wide. Write for special prices.

BLACK SHADING CLOTH

For shading Chrysanthemums during normal summer growing season. These two standard grades, tested and approved by commercial growers throughout the country transmit less than half of 1% of light. Furnished in 36-in. width or sewed into wide sheets in multiples of 18 in. to specifications.

	Per. Sq. Yd.
No. 575. 0.034 per cent light transmittance	\$0.72
No. 258. 0.001 per cent light transmittance .....	.78

American Black Sheen. Will produce 99% darkness. Available in 36 in. widths. Can be sewed to any width in multiples of 18 in. and 36 in.

Prices per square yard.

	Unsewed	Sewed
100 sq. yds. or more	\$.59	\$.65
50-99 sq. yds. ....	.64	.70
20-49 sq. yds. ....	.69	.75
Less than 20 sq. yds., minimum charge	15.00	15.00

Knights Black Sheen. Will produce 100% darkness. Ideal where total exclusion of light is required. Can be sewed to any width in multiples of 18 in. and 36 in.

Prices per square yard.

	Unsewed	Sewed
100 sq. yds. or more	\$.65½	\$.71½
50-99 sq. yds. ....	.70½	.76½
20-49 sq. yds. ....	.75½	.81½
Less than 20 sq. yds., minimum charge	16.50	16.50
\$2.00 upcharge on unsewed orders for less than 300 sq. yds. or on sewed goods for less than 10. sq. yds.		

STANDARD TEMPERATURE ALARM

Automatic device for control of temperature in greenhouses. Alarm will guard against low or high temperatures 24 hours a day. Furnished complete with the exception of wire, battery and bell. Now fabricated in its entirety from non-ferrous materials, the handsome chrome-plated case, rugged indicating mechanism and insulated wiring are not affected by moisture in the near saturated air within the greenhouse.

No. GH 5.	\$22.50
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THERMOMETERS

Maximum and Minimum. Registers the coldest and warmest points during the previous night. Copper case. 10 in. \$8.50

TESTED GRADE

No. 5127. Temprite greenhouse. 8-in. White column	2.25
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Agri-Tox Respirator for Safe Breathing

AGRI-TOX meets the recommendations of the U. S. Department of Agriculture for protection against harmful chemicals such as insecticides, fungicides, herbicides, seed treatments, etc.

AGRI-TOX Respirator (Complete) Each \$5.55

REPLACEMENT ACCESSORIES

Part R491 Cartridge-Filter Package contains Box
4 No. 11A Cartridges—8 R490 Filters \$3.15
Part R490 Filters (box of 10) 1.20
No. 11A Cartridges (box of 4) 2.20

Monogoggle for Eye Protection

Here is comfortable, dependable, lightweight protection for the eyes when spraying or dusting. It can be worn with a respirator and also over street glasses.

No. 101—Clear lens, ventilated frame Each \$2.25
No. 102—Clear lens, unventilated frame 2.25
No. 107—Green lens, ventilated frame 2.40
Replacement lenses
No. 10—Lens clear90
No. 10—Lens, green 1.05

Willson Greenhouse Gas Mask Style WIG-G3FD

Widely used by greenhouse growers, both vegetable and floral, for handling concentrated pesticides usually applied in aerosol form. It is recommended for use also wherever spray materials are being mixed indoors. The 750 cc. canister provides a full two hours protection (continuous or accumulated) against TEPP, HEPT, Parathion, OMPA and similar poisons.

Packed in cardboard carton Each \$31.00
Packed in fibre carrying case 39.00
G3FD Replacement Canister (750 cc.) 4.15

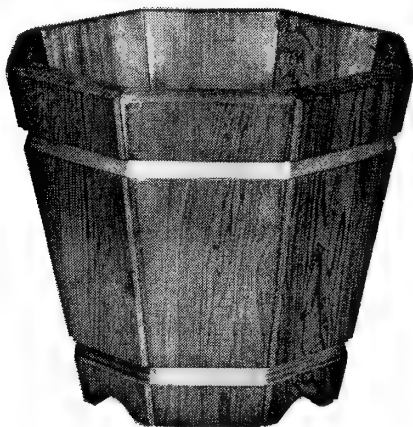
Hotbed Mats

The burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are practically indestructible.

Burlap, Waterproof one side.

40x76 in., for one sash. Price \$4.50 each; doz. \$52.00.

76x76 in., covering two regular size sash. Price, \$7.00 each; doz. \$74.00.



OCTAGONAL TUBS

Made of the finest grade Redwood. Beautiful indoors, weather-resistant outdoors. Carefully handmade and stained, these softly glowing Redwood tubs are bound by strong recessed brass bands.

Size	Pack per Case	Weight per Case	Per Doz.	Less Than Case Lots
10 in.	6	21 lb.	\$1.95 each	\$2.15 each
12 in.	6	32 lb.	2.60 each	2.85 each
14 in.	6	42 lb.	3.25 each	3.55 each
16 in.	6	54 lb.	4.10 each	4.50 each
18 in.	6	62 lb.	4.60 each	5.00 each

Wire Hanging Baskets Green Enameled

	Each	Doz.
8 inch	\$1.15	\$12.25
10 inch	1.25	13.80
12 inch	1.50	16.20
14 inch	2.20	24.00
16 inch	2.65	28.80

Natural Cork Bark

Selected for its unique appearance, deeply gnarled and often having dried moss securely attached to small surface areas. Coloring varies in light grey and tan shades.

Decorative Bark. Flat pieces 6 to 12 inches wide, 18 to 36 inches long, 1/2 to 1 1/2 inches thick. Bale 100 to 150 lbs. cost 22c per lb.

Rustic Bark. Curved or hollow log shaped 4 to 10 inches in diameter, 18 to 36 inches long, 1/2 to 1 1/2 inches thick. Bale 100 to 150 lbs. cost 22c per lb.

Totem Poles. Flat pieces 3 inches wide, 24 inches long, weighing 10 to 12 ounces each, packing 140 to bale. 27c per piece.

Sold in bale lots only F.O.B. Gloucester City, N. J.

Aluminum Foil Pot Wrap

An excellent item for every florist who sells pot plants. Improves the appearance of the plant and pot. Available in in following colors: Platinum, Lavender, Fuchsia, Pink, Yellow, Moss, Blue, Royal, Black, Azalea, Orchid, Red, Gold, Nile, Chartreuse, and Purple.

	12 Rolls	Single Rolls	per roll
20-in. Silver. 50 ft.	\$1.60	\$1.60	\$1.50
20-in. Colors. 50 ft.	1.70	1.70	1.60

Green Glo

The Spray-On Plant Polish

Don't wipe or clean plant leaves as it may cause bruising. Just spray on Green Glo and let dry.

8-oz. \$ 7.60 per case of 24 suggested retail price \$0.50 each
1-qt. 12.00 per case of 12 suggested retail price 1.50 each
1-gal. 13.20 per case of 4

Sprayer applicator (8-oz. and 1-qt.) \$1.80 per doz., suggested retail price 25c each.

Luster Leaf Plant Polish

Beautifies — Nourishes — Protects

Just spray it on plant leaves, allow to dry for high gloss. Guaranteed not to injure plants.

8-oz. \$7.60 per case of 24—suggested retail price 50c each.

2 cases—\$7.30 per case. 5 cases—\$6.75 per case.

1 gal. \$13.20 per case of 4—suggested retail price \$5.00 per gal.

2 cases—\$12.50 per case. 4 cases—\$10.75 per case.

Sprayer Applicators for 8-oz. \$1.80 per doz.—suggested retail price 25c ea.

New Aero-Pak 8-oz. bottle—Sprayer sealed in bottle.

\$12.00 per case of 24—suggested retail price 79c each.

2 cases—\$11.70 per case. 5 cases—\$11.15 per case.

16-oz. Aerosol \$11.15 per case of 24—retail \$1.49 each.

GROWERS . . .

Cut Your Cost and Increase
Operating Efficiency with the
Electric

TAYLORTRUCK

Saves Hours—Saves Labor—Saves Dollars

Economical and dependable—gives years of trouble-free service with smooth handling of nursery stock and supplies.

Will pay for itself in 6 months time.

Write for Complete Details

ARAMITE

New miticide very effective against red spider for use in greenhouse and on outside crops. Will kill parathion-resistant varieties of spiders. 4 lbs. \$3.50; case of 12, \$37.90.

ARSENATE OF LEAD

One to 1½ pounds diluted with 50 gallons of water, or may be used dry. Lb. 80c; 4 lbs. \$2.20; 12 lbs. \$6.25; 48 lbs. \$21.00.

BLACK-LEAF 40

Full directions on each package. 6 ozs. \$1.75; 12 ozs. \$3.00.

BORDEAUX MIXTURE, POWDER

A 12½% copper mixture for spraying purposes. Lb. 70c; 4 lbs. \$1.70; 12 lbs. \$4.25; 48 lbs. \$16.50.

CHELATED IRON (Ferro-Greene)

(8% iron). For correcting iron chlorosis in Azaleas, Gardenias, Hydrangeas, Roses, and certain other plants. Holds the iron in the soil in a readily available form making it possible for the plant to get iron under conditions where iron might ordinarily be unavailable. 1 lb. \$2.00; 5 lbs. \$8.75; 10 lbs. \$12.50.

CHLORDANE

50% Wettable Powder. A highly effective stomach poison for some chewing insects that are resistant to DDT, very effective in the control of grasshoppers. 8 ozs. \$1.25; 4 lbs. \$3.40.

Emulsifiable Liquid 48E. ½ pint \$1.45.

CUPRINOL GREEN and CUPRINOL CLEAR

Insects and fungi just don't go in wood treated with Cuprinol. This excellent wood preserver is harmless to plants. One gallon covers 400 sq. ft. 5 gals. \$19.80; 50 gals. \$189.00.

CUPRINOL No. 14 FOR FLORISTS

Especially prepared for dipping flats, stakes, etc. 5-gal. pails, \$12.80; 50-gal. drums, \$119.25. (Note: Use the regular Cuprinol for wood on benches and other permanent construction where application is made by brush or spray.)

CYANOGAS (Calcium Cyanide)

G. Fumigant. A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$4.00; 25 lbs. \$13.50.

DIELDRIN 50% W.P.

Controls thrips, sowbugs, grubs, millipedes, root weevils, black vine weevil and ants in the greenhouse. 3-lb. bags, \$6.00 per bag. Case 16 3-lb. bags, \$5.40 per bag.

DIMITE

Dimite gives quick initial kill and long residual action in control of mites and red spiders. Contains 25% Di-Methyl-Carbinol (DMC) in a water mixible solution. Qt. \$5.00; gal. \$14.00.

DDT

Duradust 50% wettable DDT. A powerful contact and stomach poison useful against many pests including thrips, leaf hoppers, mummy midge, etc. Makes a highly residual spray. 1 lb. 80c; 4 lbs. \$2.00; 50 lbs. \$19.50.

DOWFUME MC-2

New control for most weeds and soil diseases in seed beds, greenhouses, and local areas. Insects are killed in all early life stages. Easy to apply. Price: 1-lb. pkg. \$1.00; case lots, 24 per case, \$21.40.

Dowfume Applicator. \$5.00.



AEROSOL BOMBS - Refillable The Modern Method of Pest Control

Aramite No. G-60. Especially effective against the resistant red spider. 4-lb. bomb contains 10% Aramite and treats 200,000 cu. ft. Use two applications one week apart.

Dithiono No. G-57. Controls the resistant red spider (spider mites), aphids, white flies and mealy bugs. May be used where sulphur is present without injury to most plants, including Roses, when used according to directions. Use only with gas mask and protective clothing.

Malathion No. G-62. Controls red spider, aphids, thrips, mealy bugs and white flies on Roses, Chrysanthemums and Carnations.

Parathion No. G-54. Controls red spider (spider mites), aphids, mealy bugs, white fly, thrips, ants, sow bugs, rose leaf roller, cockroaches, crickets, earwig, Japanese beetle, spiders and other greenhouse pests. G-54 is recommended for general greenhouse use. Caution! Injury has been noted on Ferns, Cyclamen, Kalanchoe, Crassula and Begonia. One 4-lb. cylinder treats 200,000 cu. ft. of space. Use only with gas mask and protective clothing.

PRICES OF BOMBS

No.	Type	Each
G-52	5% TEPP	\$ 7.50
G-53	5% DDT	9.50
G-54	10% Parathion	9.00
G-57	5% Dithiono	9.00
G-58	10% K-6451	10.00
G-60	10% Aramite	12.00
G-61	2% Lindane and 10% Aramite	12.50
G-62	15% Malathion	9.75
G-64	10% Phosdrin	12.75
G-65	10% Chlorobenzilate 80 and 10% Meta-Systox	16.00

NOTE: Orders of 12 bombs or more sent prepaid. Empties may be returned direct to the factory, freight collect, in quantities of 12.

Applicator

Including sling (with adjustable shoulder strap) for carrying bomb, 2-ft. nozzle rod and 3-ft. connecting hose. Brass tube with hose adapter. \$7.00.

\$3.75 deposit required on each bomb.

ENDRIN

A very effective control for Cyclamen mite on African Violets, Begonias, Chrysanthemums, Cyclamen, and many foliage plants. Gal. \$12.90.

FERMATE

Effective for black spot on Roses, septoria leaf spot on Chrysanthemums and Snapdragon rust. 8 ozs. 70c; 3 lbs. \$2.10; case of 12, \$21.60.

KARATHANE 25% Wettable Powder

An organic fungicide—aids in the culture of greenhouse plants through its effective action in stopping powdery mildew. 3 lbs. \$5.85; 50 lbs. \$87.50.

KELTHANE

An organic miticide which is remarkably effective in controlling Cyclamen mite and red spider, as well as most other types of mites. It has given outstanding results on Roses, Snapdragons, Geraniums, Chrysanthemums, Gladioli, Cyclamens, Easter Lilies, and many other flowers without injury to the leaves or bloom. Gal. \$12.95; 5 gals. \$55.50.

LINDANE

5% Spray—quick, positive insect control effective 3 ways—when eaten, by contact, and by fumigating action. Useful in protecting flowers and foliage of all kinds, both indoors and out. 4 ozs. 60c; pint \$2.00; case of 12, \$18.00.

LINDANE W-25 (25% Lindane)

Controls aphids, thrips, spittle bugs, symphylids in greenhouse. 1 lb. \$2.15; 40-lb. drum \$74.00.

MALATHION

Aphid and mite spray containing 50% Malathion. One of the newest insect killers recommended for control of many hard to kill insects. 4 ozs. \$1.00; gal. \$11.50.

Wettable Powder 25%. 4 lbs., \$3.00; case of 12, \$32.00.

ORTHOCIDE

Contains 50% Captan wettable powder. A superb fungicide for use on Roses and certain other plants. Can be used to control damping off in Azaleas by dipping cuttings in solution. 5 lbs. \$4.75; case of 10, \$39.00.

PANO-DRENCH

A new and very effective chemical for control of damping-off on flowers and ornamentals. 4 ozs. makes 72 gals. of drench and treats 150 to 200 flats. 4 ozs. \$5.95; pt. \$19.20.

PARATHION DUST

15% wettable (for outdoor use only). Use as a spray to control Cyclamen mite on Delphiniums, red spider on evergreens, Azaleas, Hydrangea. 3 lbs. \$2.40; case of 8, \$15.60.

PARZATE

Du Pont's dithiocarbamate fungicide which may be used as a spray or a dust for the control of many important plant diseases. 3 lbs., \$2.85; case of 12, \$31.20.

P-40

Contains 2% of sodium selenate in granular superphosphate for dry application. Broadcast as fertilizer at the rate of 3 pounds per 100 square feet. 50 lbs. \$22.50; 100 lbs. \$40.00.

PLANTFUME 103 - Smoke Generators

It is not a bomb but will do everything a bomb does. The generated smoke is laden with minute particles of insecticide. When the required number of generators are ignited, the smoke carries the insecticide to every part of the greenhouse, insuring complete coverage of the plants for insect control.

36 1¼-oz. pkgs. to carton—

Each package covers 5000 cu. ft. . . . \$12.00

12 7-oz. pkgs. to carton—

Each package covers 20,000 cu. ft. . . 12.00

Insecticides - Continued

RED ARROW

Still a big favorite with the greenhouse man. A very safe pyrethrum and rotenone insecticide for use against sucking and chewing insects. 4 ozs. \$1.19; pint \$2.70; case of 12 \$8.57; Gallon \$15.90.

ROTENONE DUST

An economical, effective insecticide, non-poisonous to humans. For leaf-eating insects attacking vegetables. 4-lb. bag \$1.10; 50 lbs. \$11.00.

SEMESAN

A mercuric disinfectant for the control of many seed, plant, and soil diseases. 4 ozs. \$2.50; 12 ozs. \$5.95; case of 12, \$45.00.

SNAROL, Metaldehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 2½-lb. pkg. 85c; 6-lb. pkg. \$1.60; 50 lbs. \$10.80.

SYSTOX

A systemic insecticide which penetrates by absorption and is translocated in the plant. It forms an emulsion when diluted with water to any desired strength, and is suitable for use in all power sprayers. An effective control for spider mite on Holly, Azaleas, Delphiniums, Chrysanthemums and Roses. Gal. \$32.00.

SPREADER, GRASSELLI

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt. \$1.65; gal. \$7.85.

SULPHUR, WETTABLE, Dritomic

A greatly improved summer fungicide containing 95% sulphur of 325-mesh fineness. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf spot, mildew, rust, etc. 5 lbs. 70c; 50 lbs. \$6.00.

TEDION 25% WETTABLE POWDER

A new spider mite control which kills eggs and newly hatched mites over a long period. It has a residual action, with single application remaining effective 6 to 8 weeks. Use 1 lb. to 100 gal. water with a spreader. 2½-lb. pkg. \$2.20 per lb.; 10 2½-lb. pkgs. \$2.00 per lb.

TEDION-DITHIO Smoke Generators

An excellent control for resistant spider mite. Also controls aphids, white fly, some species of mealy bugs and thrips on ornamental plants in greenhouse. 12 3½ oz. pkgs. to carton. Each package covers 10,000 cu. ft. \$15.00 per carton.

TERRACLOR

Controls Rhizoctonia Stem Rot by inhibiting growth of the fungus responsible. For soil drench, mix 2½ lbs. per 300 gallons of water to treat 1000 square feet of bench or bed areas. 5 lbs. \$4.50; case of 10, \$40.00.

THIODAN 50% W. P.

Is a new insecticide that provides control of a wide range of insects including aphids and leafhoppers in particular. Many growers are reporting the ease of handling Thiodan and welcome the fact that they have had no ill effects from working with it—no bad odors, no skin irritations. 5-lb. bag \$13.00; case (10 5-lb bags) \$11.50 per bag.

VAPAM

A liquid soil fumigant that destroys weeds, fungi, nematodes, and soil insects. Virtually wipes out all sub-soil pests and diseases. No special equipment is required. One gallon is sufficient to treat 400 sq. ft. Gal. \$3.95; 5 gals. \$18.00; 30-gal. drum \$96.00.

VC-13

For the control of nematodes in the greenhouse and in the field. Can also be used on established plants.

8 oz.	\$1.75	Case of 12	\$14.00
Pint	3.25	Case of 12	26.15
2½ lb. (bottle)	6.00	Case of 4	16.80

VOLCK

(Oil Spray.) A highly refined insecticide spray carrier for use against mealy bugs, scale insects, red spiders, and white flies on plants. Qt. \$1.15; gal. \$2.50; 5 gals. \$8.75; 30 gals. \$44.00 (plus \$1.00 drum charge.)

Fertilizers

Blood, Dried. For indoor culture of flowering plants like Roses, Carnations, etc. 50 lbs. \$9.00; 100 lbs. \$16.00.

Bonemeal, Michell's Special Florists' Brand. 50 lbs. \$3.75; 100 lbs. \$6.00; ½ ton \$55.00.

Cottonseed Meal. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 100 lbs. \$8.00.

Cow Manure, Pulverized. 100 lbs. \$6.10; ½ ton. \$51.00.

ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It can be used for almost any purpose. Can be shipped from Lynn, Mass. 80-lb. bags, \$6.00.

Fertilizer 5-10-5. 80 lbs. \$3.00; 10 bags \$28.00.

Hyper-Humus. 100 lbs. \$4.00; 500 lbs. \$18.75; truckload lots (minimum 10 tons in bulk), \$14.50 per ton, F.O.B. Newton, N. J.

Hyponex Plant Food. Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Twelve 10 oz. pkgs. \$8.00; 10 lbs. \$8.00; 25 lbs. \$12.00; 50 lbs. \$19.00; 100 lbs. \$30.00.

Muriate of Potash. 60%. 100 lbs. \$6.00.

Nitrate of Soda. Use only after plants are above ground. 100 lbs. \$6.50.

Phosphate, Super. 20%. 80 lbs. \$2.25; 10 80-lb. bags \$20.00; ton \$45.50.

Sulphate of Aluminum. Adapted for fertilizing Rhododendrons and other plants requiring acid soil. 100 lbs. \$5.40; ½ ton \$40.00.

Sulphate of Ammonia. Analysis: Equal to 25 per cent of ammonia. 100 lbs. \$4.00.

Sulphate of Iron. 50 lbs. \$2.75; 100 lbs. \$4.75.

Sulphate of Potash. Analysis: Equal to 50 per cent actual potash. 100 lbs. \$9.00.

Uramite. (38% Nitrogen). 50-lb. bag \$12.00.

Peat Moss

A moisture-retaining humus and an aid for saving soil fertility. Furnishes organic matter which all soils require. Large bale \$5.50. Prices for larger quantities on application.

Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

Sphagnum, Dry. Finest quality. Bale \$6.75; 5 bales \$32.50.

Green Sheet. 10-lb. bag \$7.00.

Orchid Peat. Bag (approx. 20-25 lbs) \$15.00.

Soluble Fertilizers

KAPCO

Ideal for potted plants as a starter solution, and greenhouse bench crops. Used by commercial growers all over the U. S. who claim it is the best fertilizer they ever used. Completely 99½% water soluble. Safe and easy to apply. Contains color tracer. Water and feed in one operation. 2 lbs. makes 100 gallons of feed.

	Price per lb. in 50-lb. containers		
	50-299 lbs. Incl.	300-999 lbs. Incl.	1000-1999 lbs. Incl.
15-30-15	\$0.27	\$0.23	\$0.22
20-20-20 .....	.27	.23	.22
30-10-10 (Azalea Acid) .....	.31	.27	.26

PETERS

	100-975 lbs.		1000-1975 lbs.
	1-3 bags	20-23 lb.	20-23 lb.
15-15-15	\$6.75 per 25-lb. bag	\$0.23 lb.	\$0.22 lb.
20-5-30	6.75 per 25-lb. bag	.23 lb.	.22 lb.
21-7-7	6.75 per 25-lb. bag	.23 lb.	.22 lb.
16-4-12	6.75 per 25-lb. bag	.23 lb.	.22 lb.
25-10-10	6.75 per 25-lb. bag	.23 lb.	.22 lb.
25-0-25	6.75 per 25-lb. bag	.23 lb.	.22 lb.
40-3-3	6.75 per 25-lb. bag	.23 lb.	.22 lb.
20-10-15	6.75 per 25-lb. bag	.23 lb.	.22 lb.
15-30-15	7.25 per 25-lb. bag	.25 lb.	.24 lb.
20-20-20	7.25 per 25-lb. bag	.25 lb.	.24 lb.
25-5-20	7.25 per 25-lb. bag	.25 lb.	.24 lb.
10-20-20	7.25 per 25-lb. bag	.25 lb.	.24 lb.
10-30-20	7.75 per 25-lb. bag	.29 lb.	.27 lb.

LONG LIFE—SLOW RELEASE FERTILIZERS

(NON-SOLUBLE)

13-6-6 ORGANIC SPECIAL

Without a doubt the finest pot plant feeding ever designed. Combines the best features of highest grade natural organics and Uramite Nitrogen. Being widely used in combination with liquid feeding with excellent results. Request data and instruction sheet on various use methods. 1-3 bags \$7.75 per 25-lb. bag; 100 to 975 lbs. 29c lb.; 1000 to 1975 lbs. 27c lb.

FRITTED POTASH (32% K2O)

Contains 32% K2O, plus fritted Trace Elements. Will not leach away. Gives a 6 to 9 months assured supply of Potash. 1-3 bags \$9.00 per bag; 100 to 975 lbs. 32c per lb.; 1000 to 1975 lbs. 31c lb.

FRITTED TRACE ELEMENTS

These fritted trace elements will give an assured, non-leaching supply of trace elements for periods up to 1 year and possibly longer. Packed only in 25-lb. bags. 1-3 bags \$10.00 bag; 100 to 275 lbs. 36c lb.

(Packed in 25-lb. bags only.)

Freight prepaid east of the Mississippi, on all orders totaling 300 lbs. or more. F.O.B. Allentown, Pa. on all orders less than 300 lbs.

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DISPLAY CASES

PLANTS, Foliage

PLANTS, MISC.

Ageratum 58	Asparagus 58	Azalea 58	Begonia 59	Beloperone 59	Browallia 59	Cacti and Succulents 61	Cactus, Christmas 59	Calceolaria 59	Carnations 62, 63	Cineraria 59	Coleus 59	Cyclamen 59	Fuchsia 59	Geranium 59	Gloxinia 60	Heliotrope 60	Hoya Carnosa 60	Hydrangea 60	Ivy 60
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FERTILIZERS

INSECTICIDES

Note: Plant Shipments

CONDITIONS OF SALE

Due to constant market fluctuations, all prices in this catalog are subject to change without notice



For Prompt and Courteous Service
Call Walnut
5-5620

DISCOUNTS

For cash with order, or payment within 10 days of invoice: 5% on orders of \$5.00 to \$25.00 on flower seed and vegetable seed.

8% on orders of \$25.00 to \$100.00 on flower seed and vegetable seed.

10% on orders of \$100.00 or over on flower seed and vegetable seed.

All other items, 2%.

NO Discounts on Special Quotations.

WARRANTY

Henry F. Michell Co. gives no warranty express or implied as to the productiveness of any seeds, bulbs or plants it sells. The limit of liability for all claims shall be no greater than the purchase price of the goods, and in no case shall it be responsible for loss or damage to the crop.

We recommend all plant shipments to go by Express. If they arrive in poor or frozen condition, accept and receipt for them, accordingly, then enter claim to the transportation company. All claims must be supported with a copy of damage report which can be furnished by the agent of the delivery carrier. Prices prevailing at time of shipment will be charged, plus packing at cost.

FORWARDING SERVICE

Flower Seeds listed in catalog, prepaid anywhere in the United States. Please remit postage for all Bulbs, Plants, Insecticides, and Sundries, if desired by parcel post. Refer to postal chart for amount. Shipments too large for parcel post will be sent express or freight collect.

PARCEL POST CHART

	Local Phila.	Zone 1 and 2 Within 500 miles	Zone 3 150-300	Zone 4 300-600	Zone 5 600-1000	Zone 6 1000-1400	Zone 7 1400-1800	Zone 8 Over 1800 miles
The first pound costs	.18	.23	.23	.24	.26	.28	.30	.32
For each additional pound (2 to 70), add	.02	.04	.06	.07	.10	.12	.16	.18

Plants, bulbs, to all zones, weight limit 70 lbs., size 100 in. Other parcels as follows—(between first class post offices) local, first and second zones weight limit 40 lbs., size 72 in. Zones three to eight, weight limit 20 lbs., size 72 in. Please include postage to cover items not prepaid.

Michell's

Presents
the
Outstanding
Pan-American Strain
of
ALL DOUBLE
PETUNIAS



CAPRICE

ALLEGRO - Bright Salmon

NOCTURNE - Violet Purple

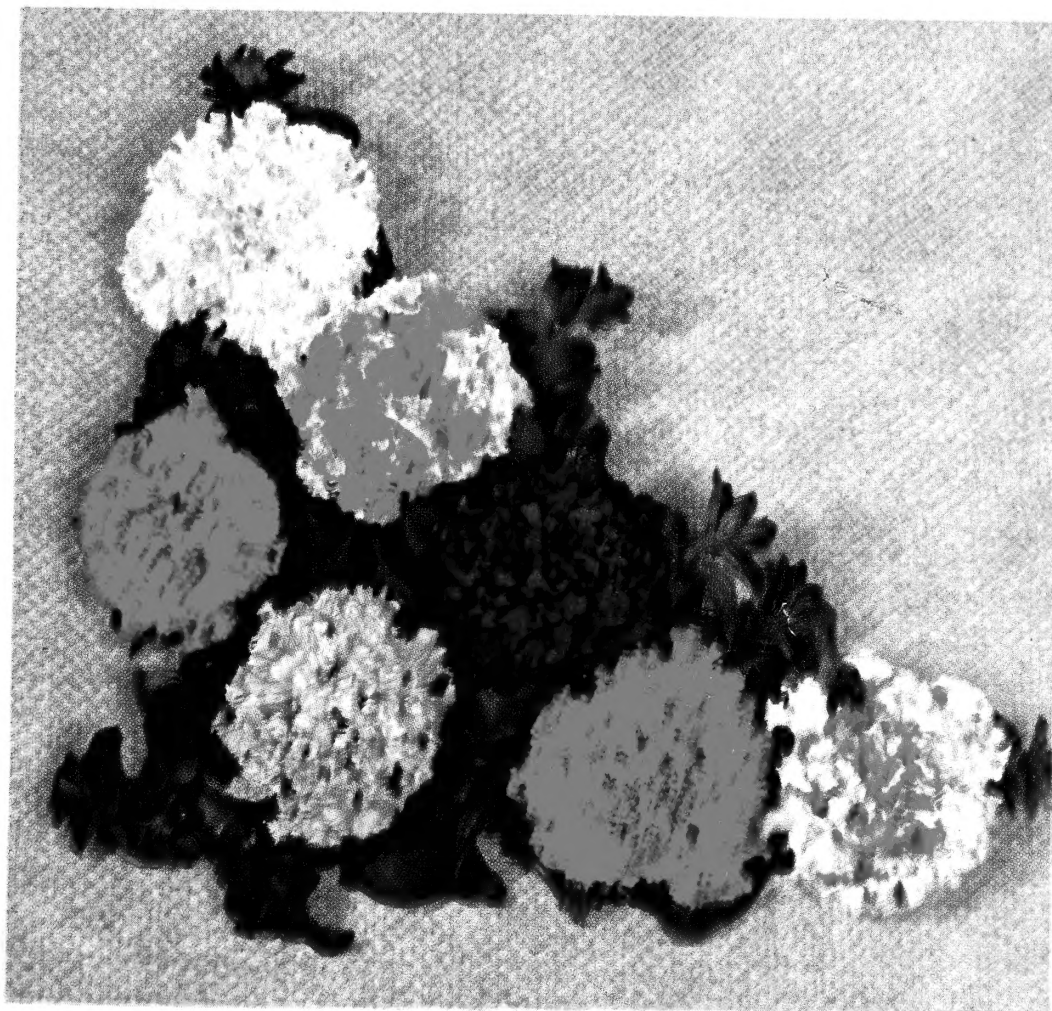
MINUET - Orchid Lavender

PRESTO - Rose and White

RHAPSODY - Wine Purple

SONATA - Pure White

CAPRICE - Brilliant Rose



**Prices for
individual varieties**

1/2 tr. pkt.	\$ 2.75
tr. pkt.	4.50
1/128 oz.	8.50
1/64 oz.	16.00
1/32 oz.	29.50
1/16 oz.	58.00

GLORIOUS MIXTURE



Prices for mixture

1/2 tr. pkt.	\$ 2.25
tr. pkt.	4.00
1/128 oz.	7.60
1/64 oz.	14.45
1/32 oz.	28.00
1/16 oz.	55.00

Michell's F-1 GRANDIFLORAS



SABRE DANCE

HYBRID

**P
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A
S**



MAYTIME

**Prices for all varieties
on this page:**

1/2 tr. pkt.	\$ 1.35
tr. pkt.	2.50
1/128 oz.	4.50
1/64 oz.	8.00
1/32 oz.	15.50
1/16 oz.	30.00
1/8 oz.	57.00
1/4 oz.	108.00



BLUE LACE

**POPULAR
GRANDIFLORA
PETUNIAS**



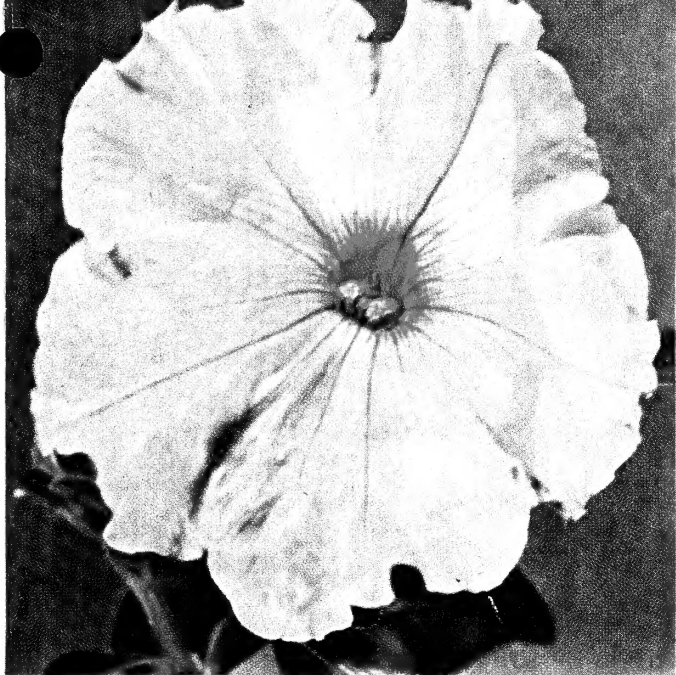
TOREADOR



CRUSADER

E





PALEFACE



AZTEC



LINDA

GRANDIFLORA MIX

Michell's

F-1 Hybrid PETUNIAS

AZTEC—PALEFACE—LINDA—SATELLITE

1/2 tr. pkt. \$1.00; tr. pkt. \$1.75; 1/128 oz. \$3.50;
1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00;
1/8 oz. \$35.00; 1/4 oz. \$60.00.

GRANDIFLORA MIX

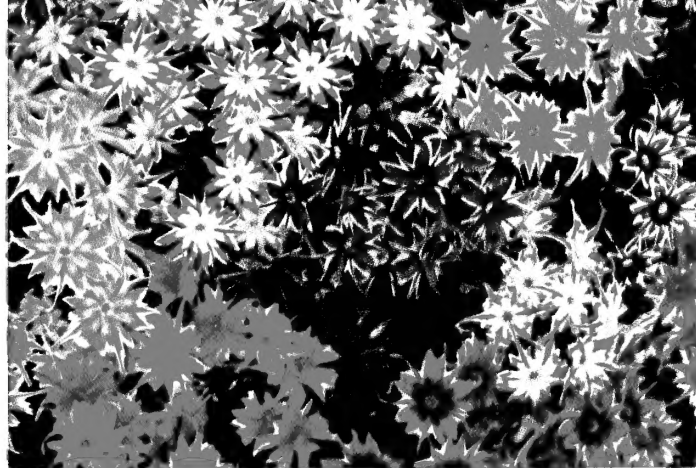
1/2 tr. pkt. \$1.35; tr. pkt. \$2.50; 1/128 oz. \$4.50;
1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$29.00;
1/8 oz. \$57.00; 1/4 oz. \$108.00.



SATELLITE

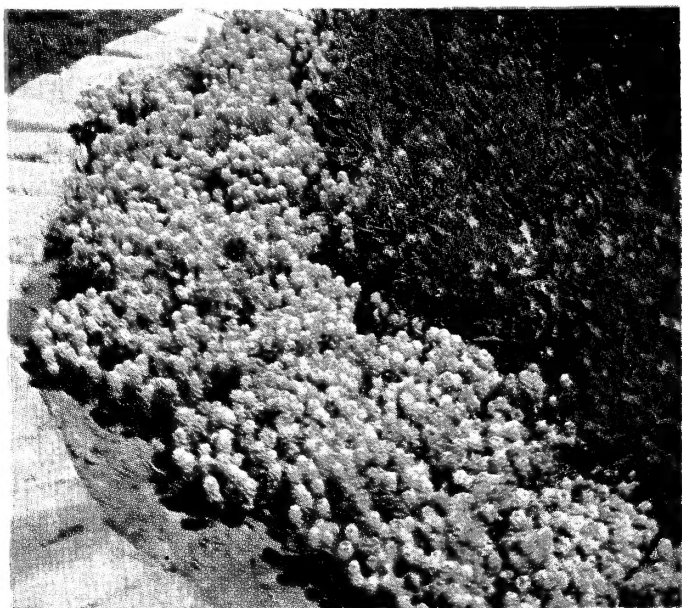
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PHLOX, TWINKLE

Tr. pkt. 75c; $\frac{1}{8}$ oz. \$1.30; $\frac{1}{4}$ oz. \$2.35; oz. \$7.00.



ALYSSUM, PINK HEATHER

All-America Winner 1959

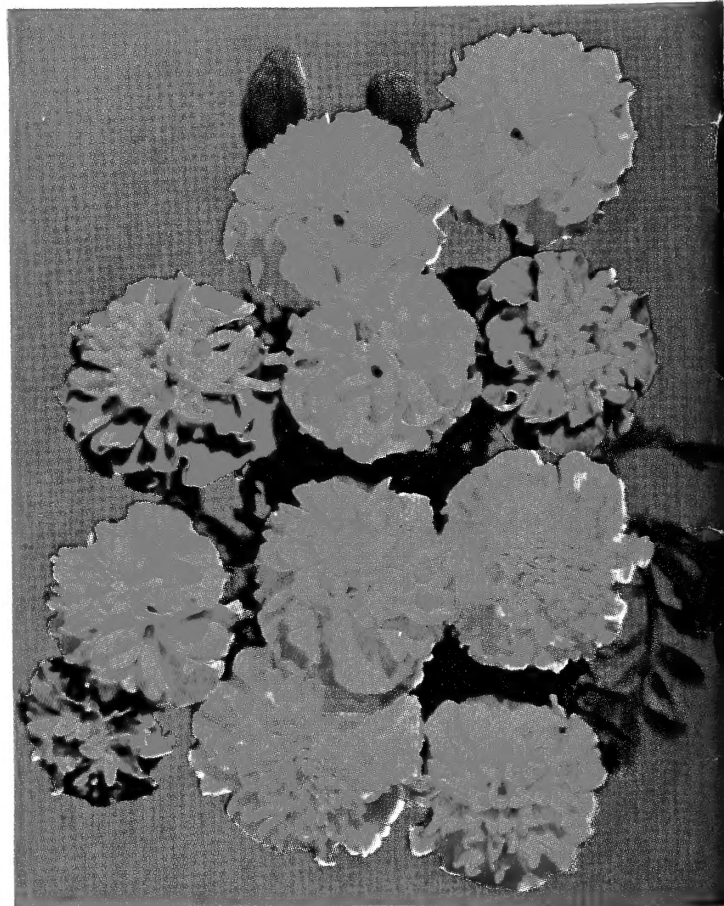
Tr. pkt. 60c; $\frac{1}{8}$ oz. \$1.00; $\frac{1}{4}$ oz. \$1.80; oz. \$5.50.



MARIGOLD, SPUNGOLD

All-America Winner for 1960

Tr. pkt. 85c; $\frac{1}{4}$ oz. \$2.50; 1 oz. \$7.50; $\frac{1}{4}$ lb. \$22.50
Border of Ageratum, Blue Mink



MARIGOLD, PETITE MIXED

All-America Winner 1958

Available in separate colors: Yellow, Gold,
Orange, Harmony, and Spry (Not Illustrated)

Tr. pkt. 45c; $\frac{1}{4}$ oz. \$1.35; oz. \$4.00; $\frac{1}{4}$ lb. \$12.00.



COLEUS, RAINBOW MIX

Tr. pkt. \$1.00; $\frac{1}{32}$ oz. \$2.50; $\frac{1}{16}$ oz. \$4.00;
 $\frac{1}{8}$ oz. \$7.50; $\frac{1}{4}$ oz. \$12.00.

HENRY F. MICHELL CO. 3rd and Spruce Sts.
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